



# Pharmaceutical and Biotech Manufacturing Solutions Booklet

Operator Workstations | Industrial Panel PCs  
Industrial Extenders | Industrial Displays | Industrial Peripherals





# API RIS STX

To make the best use of limited space, pharmaceutical and biotech manufacturers turn to space-saving, and even customized, computing solutions.

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# Introduction



## Computing Platforms & KPI Visualization

ARISTA has developed a broad range of products for the pharmaceutical and biotech industry. Whether it is a batch or a continuous manufacturing process, such as API synthesis, crystallization, blending, granulation, tablet compression, or capsule coating, ARISTA has the automated process computing platforms for the cleanroom and control room.

Customers rely on HMI stations or KPI visualizations that provide accurate output information to maximize production planning. The output of real-time information for production targets, equipment downtime, and OEE (Overall Equipment Effectiveness) represents the most important KPI (Key Performance Indicator) data to be viewed in real time during manufacturing. The KPI visualization dashboard has been deployed throughout the clean room, every manufacturing process line, and GMP environment with increased sanitizing or hygiene standards.

## ARISTA dedicates product categories to worldwide customers

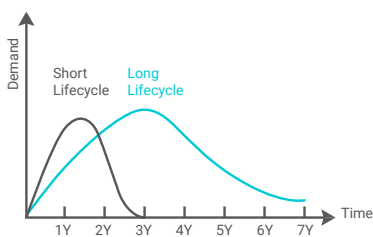
Operator Workstations	Industrial Panel PCs	Industrial Displays	Industrial Extenders	Industrial Peripherals
				

For more than 10 years, ARISTA has had a strong track record and capability to customize products to meet exacting specifications and requirements at an affordable price and quick time to market. ARISTA provides off-the-shelf, full turnkey integration services, custom ODM/OEM design and development services. Its computing and display solutions are built with SS316L NEMA 4X/IP66 stainless steel enclosures to meet the highest hygiene requirements.

## Your dependable partner

Long product life cycle, revision control and flexible customization are the three major characteristics of ARISTA products and the reasons why pharmaceutical and biotech companies choose ARISTA as an essential partner among many manufacturers.

### Longevity



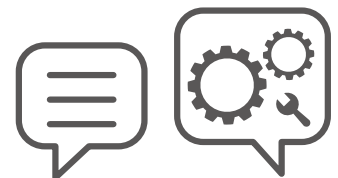
In the pharmaceutical and biotech industry, high reliability and stability are crucial. ARISTA's products guarantee a long product life cycle of 5-7 years, which allowing pharmaceutical and biotech manufactures not to worry about revalidating the replacement in critical manufacturing process.

### Revision Control

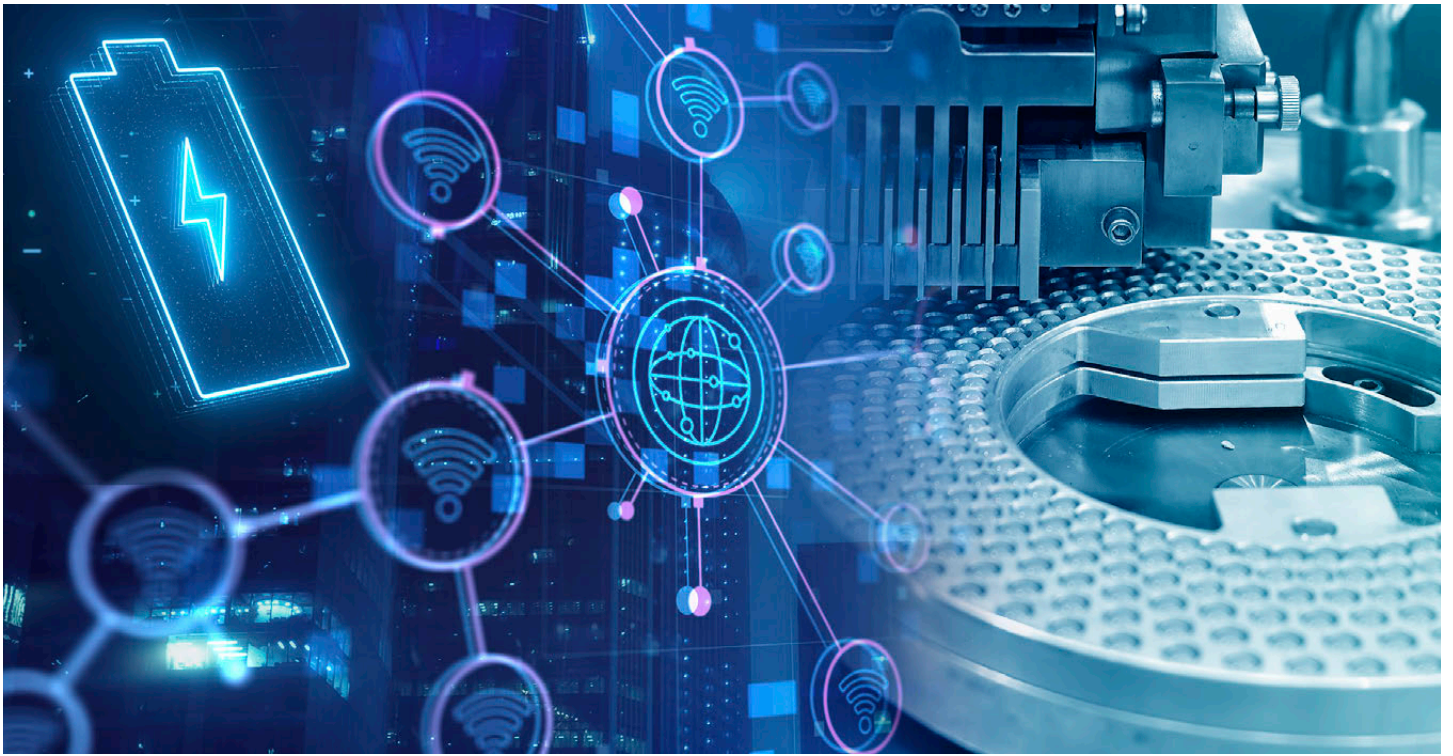


ARISTA also has a Revision Control mechanism. In the event of a product design modification or part replacement takes place, we will notify our customers about the product revision and let them decide whether to conduct a test for the new version.

### Flexible Customization



Our customers have high customization requirements, and ARISTA can provide small batch productions in varieties. We listen to the voices of customers and strive to meet their needs.



## High-Capacity Battery, Wireless Communication

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ARISTA mobile workstations share a unique feature, that is having the interior room to hold a 1024Ah high-capacity lithium battery, allowing you to work anywhere uninterrupted. ARISTA mobile workstation models provide the Wi-Fi function, allow wireless communication in all corners of the laboratory, clean room, and factory. Also, there is a barcode scanner holder to the either side of the workstation to accommodate right or left-handed operation, which makes it convenient when you scan a barcode to verify or identify materials and other items. Some of our models even have space for a label printer. So you can scan the bar code and print out a label immediately. This design will improve your work efficiency.

The mobile workstations are integrated with projected capacitive touch and come in different sizes of LCD displays; we offer models in 18, 19, 21.5 and 24 inches LCD touch displays. There are three options for the single-display models: single screen, dual-screen (19 or 4 inch), and triple-screen configurations. You can choose one of the three industrial grade waterproof keyboards: the KB-115A-AX membrane keyboard, or the KB-115B-AX and the KB-115C-AX rubber keyboards. The main difference between the latter two rubber keyboards is the design of the mouse control. There are lighter and smaller footprint base options available if customer does not require battery for the mobile workstation.

## Ergonomic & Flexible Use of Limited Space














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ARISTA Operator Workstations provide diverse installation mounting options according to the different needs of customers, including benchtop, wall mount, wall-recessed, ceiling mount, VESA mount, and pedestal mount types. We also offer a highly flexible stainless steel pendant arm design for space saving utilization. The 360° double-joint(single-screen) and triple-joint (dual-screen) designs make the wall flush installation, folding, and retracting of the workstation easy tasks, and they are great for installations in the hallway or to make the best use of limited space.

The angle of the screen or keyboard in some models can be adjusted to complement the needs of operators' various heights and provide the most comfortable ergonomic way to operate the workstation for an extended period. When installing workstation in the hallway area, the wall-recessed workstations is the perfect solution. The fanless cooling design is implemented in all of our wall-recessed models to ensure the workstations operate stably and reliably. Besides the 15, 17, 19 and 21.5-inch displays, we also offer the 4K 55-inch large-format display workstation for you to use it as a Quad View display so you can visualize your KPIs and take full control of your production data.

# Operator Workstations

- Mobile Operator Workstations and Computer Carts
- Operator Terminal Workstations Powered by PoE
- Operator Terminal Workstations
- KVM Operator Workstations

Type						
Mobile Operator Workstation	Computer Cart	Wall Mount	Wall Mount with an Adjustable Height Bracket			
						
Ceiling Mount	Wall-recessed	Wall-Recessed	Pendant Arm Mount			
						
Key Points						
Mobile	Waterproof	Wi-Fi	PoE			
KVM	High-Capacity Battery	Touch Screen	Fanless			
 Mobile	 NEMA 4X	 IP66	 Wi-Fi	 Touch panel resistive touch	 Printer	 Battery
 Touch panel projected capacitive touch	 Quad view	 Wall recessed	 Fanless	 Barcode scanner	 ThinManager Ready	



## UL C1D2 Touch Screen Panel PC Can Prevent Combustible Dust Explosion

An explosion is a sudden expansion involving physical or chemical decay with a rapid increase in pressure, resulting in a heavy blast and shock. In a chemical explosion, a molecule decomposes into combustible gases produced at a very high temperature. For an explosion to take place, three factors which are flammable materials, air (oxygen), and ignition sources must be present in sufficient quantities in the atmosphere.













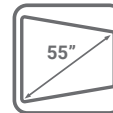
The ARISTA UL Class 1 Division 2 explosion-proof Panel PC series comes in two kinds: one with projected capacitive and the other with 5-wire resistive touch screen. It can prevent explosions caused by flammable or chemical substances floating in the air, which is especially desirable in the API (Active Pharmaceutical Ingredient) stage of the pharmaceutical and biotech manufacturing process.

All models have Intel Atom or Core i series CPU processor options and various LCD display sizes ranging from 15 inches to 55 inches, which are integrated with NEMA 4X / IP66 waterproof enclosure. The chassis is designed to avoid equipment from being soaked or corroded by cleansers or disinfectants during cleaning in clean room environments where work areas have contact with hygienical, antibacterial agents and sanitizers such as mild acid or alkaline: LoHse, Bleach, Lysol, LoHst, Roccal II, esphene IIse, Spor-Klenz, etc.



# Industrial Panel PCs

- Waterproof Panel PCs
- Large Format Panel PCs
- Waterproof Panel PCs Powered by PoE
- Hazardous Locations Panel PCs

Type							
Panel Mount	VESA Mount for Ceiling		Wall Mount				
							
Benchtop Stand		Pedestal Mount					
							
Key Points							
Explosion-proof	Waterproof	Touch Screen	PoE	Large Format			
	 NEMA 4X	 IP66	 Touch panel resistive touch	 Touch panel projected capacitive touch	 Touch screen	 ThinManager Ready	 Large Format 55"

ARISTA offers a wide range of panel-mount and fully sealed touch panel PCs for pharmaceutical and biotech manufacturing. The fully enclosed version is constructed of stainless steel and has no external vents. This design protects the components from gases, dust, dirt, moisture, chemicals, oil, and other external contaminants in an explosive environment.

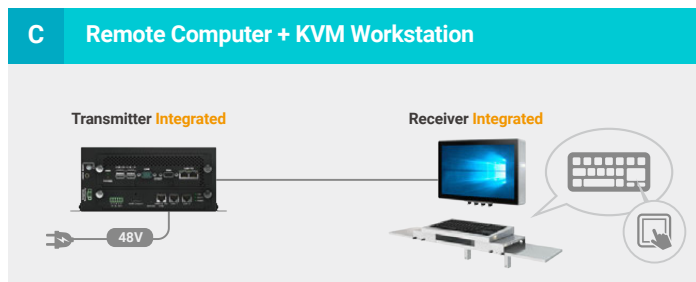
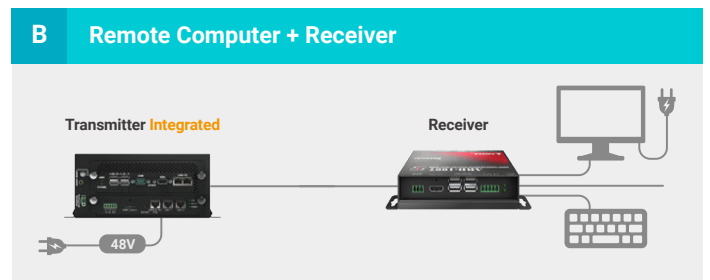
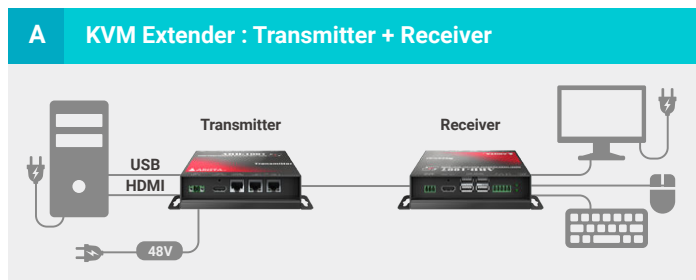
The touch panel PCs come in various sizes and are routinely deployed as HMI workstations in automated operations. For this application, the panel-mount PCs are fan less ruggedized systems certified for use in Class 1 Division 2, Class 2 Division 2, and Class 3 Divisions 1 & 2 hazardous areas. The systems are installed with a Windows operating system and the high-resolution touch screens can be manipulated by operators wearing heavy-duty industrial gloves



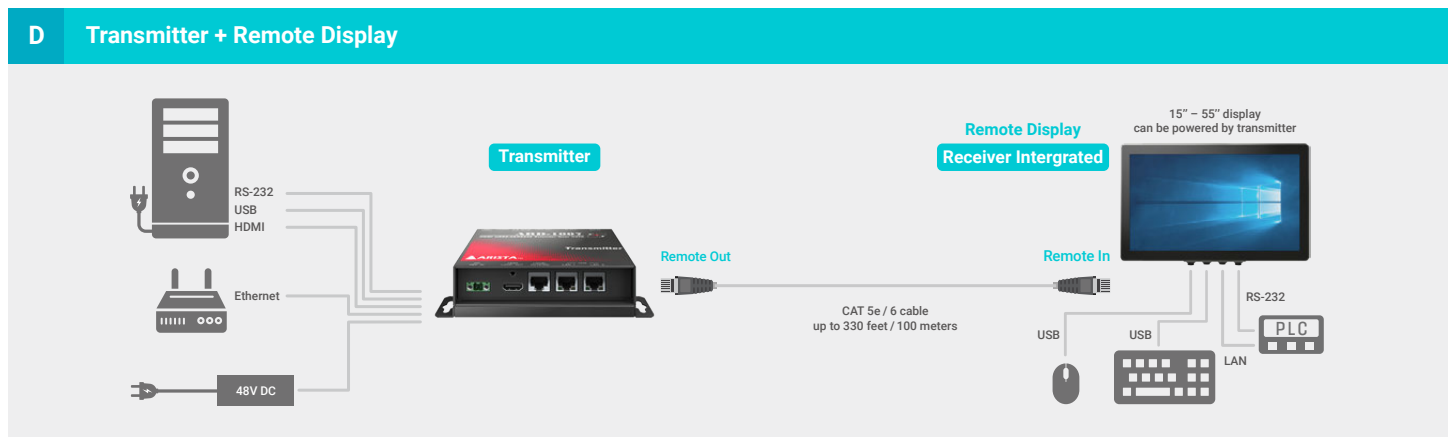
## Waterproof Touch Screen Monitors Can Be a Remote Terminal

The NEMA 4X/IP66 waterproof remote touch screen monitors and KVM (keyboard, video, mouse) series has a built-in receiver. You can transmit the HDMI, USB, and power sources via transmitter to the monitor and KVM up to 330 feet (100 meters) away through a single CAT 5e/6 cable while maintaining high quality display. This series is suitable for control room applications in the pharmaceutical and biotech industry and various other industries.

## The Transmitter and Receiver Provide 4 Solutions



The 15-inch to 55-inch touch displays can be powered by the ARISTA transmitter that is shipped with KVM. They provide a connection greater than HDMI's 15-meter limit, keep the picture quality clear, and require only simple wiring.







# Industrial Displays

- Wall Mount VESA Monitors
- Waterproof Touch Screen Monitors








# Industrial Extenders

- KVM/KVM Switch Extenders
- KVM Workstations
- KVM Extender Integrated Displays
- Remote Computers

## Industrial Display Type

VESA Mount for Vertical Surface	Wall Mount	Wall Mount with Optional Bracket	Ceiling Mount
			
Benchtop Stand	Panel Mount	Pedestal Mount	
			

## Key Points

Waterproof	Remote Control		Touch Screen			
 IP66	 NEMA 4X	 Remote control	 Touch panel resistive touch	 Touch panel projected capacitive touch	 Touch screen	 ThinManager Ready

## Industrial Extenders Type

Receiver	Transmitter	Remote Computers
		



## You Can Have Maximum Space Efficiency in Hallways

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ARISTA offers a wall-mount option called XWM-KB-11 SC-02, which is a hinged keyboard support stand with a sliding brace release for tight spaces. These features are designed to optimize space-constrained areas and include a waterproof rating, foldable and sturdy structures, and a rubber keyboard with 104 keys and touch pad.

The ARISTA keyboard and bracket combo is an essential device in the pharma production line that requires high hygiene and space efficiency standards. The combo folds back almost flat against the wall when not in use. A lockable utility tray that extends from the keyboard stand also allows the use of a full-size computer mouse and pad.

As it can support or secure other instruments or components, the combo has these advantages:

- It can fold when not needed, saving space and avoiding obstruction.
- It is made of stainless steel with an NEMA 4X / IP66 rating for water resistance, dust protection, and corrosion resistance.
- It has a smooth surface that is easy to clean and disinfect.

# Industrial Peripherals

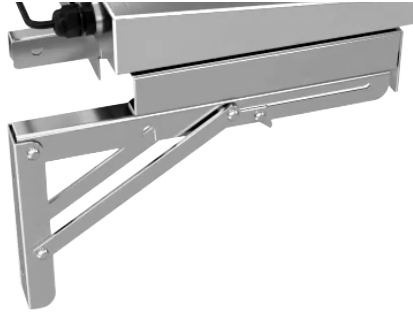
- Keyboards and Mice

## Configurations

Rubber Keyboard 104 Key  
with Touchpad



Folding Bracket



Lockable Utility Tray

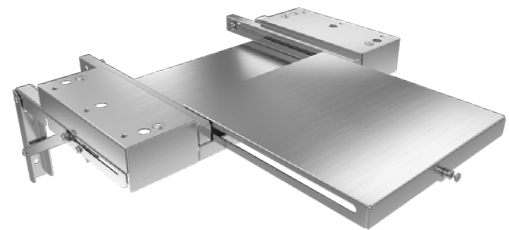


## Status

Folding



Opening and Pulling



## Key Points

Waterproof

Foldable

Lockable

Touchpad



Waterproof



Foldable



Lockable



Touchpad

# AMW-1121AX

Industrial Stainless Steel NEMA 4X / IP66 Wi-Fi Mobile Operator Terminal Stations



## Features

- 21.5" Active Matrix TFT LCD Display
- Native Resolution at 1920 x 1080
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 16GB DDR4 DIMM SO-DIMM Memory
- Wi-Fi Module Included
- Battery Option
- Projected Capacitive Touchscreen
- NEMA 4X / IP66 Stainless Steel Fully Closed Enclosure
- Waterproof Keyboard and Pointing Device
- ThinManager Ready Version Available
- Three Keyboard Option

Specifications	AMW-1121AX	
	E01	H01
<b>LCD Display</b>		
Display Size	21.5 inch	21.5 inch
Max Resolution	1920 x 1080	1920 x 1080
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	16:9	16:9
Viewing Angle (V/H)	178° / 178°	178° / 178°
Contrast Ratio	1000:1	1000:1
Brightness	250 nits	250 nits
<b>Touch Screen</b>		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	SkyLake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0 (1x Internal and 1x External)	2 x USB 2.0 (1x Internal and 1x External)
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN / Wi-Fi	Wi-Fi	Wi-Fi
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
Internal Battery	Optional 1024 W/h Lithium Battery	Optional 1024 W/h Lithium Battery
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC
Power Consumption (Max)	47W (Without Charging)	60W (Without Charging)
Recommended Power Supply	Included	Included
Heat Dissipation (Average)	160 BTU/hr	205 BTU/hr
<b>Physical Information</b>		
Mounting	N/A	N/A
Net Weight	--	--
Dimension (WxHxD)	20.94 x 58.38 x 21.89 inch 532.0 x 1482.9 x 556.1 mm	20.94 x 58.38 x 21.89 inch 532.0 x 1482.9 x 556.1 mm
IP/MENA Rating	Meets NEMA 4X / IP66	Meets NEMA 4X / IP66
Certification	N/A	N/A
<b>Environmental</b>		
Operation Temperature	0~35°C (32~95°F)	0~35°C (32~95°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# AMW-1321AX

Industrial Stainless Steel NEMA 4X / IP66 Wi-Fi Mobile Operator Terminal Stations by Computer Cart Style



## Features

- 21.5" Active Matrix TFT LCD Display
- Native Resolution at 1920 x 1080
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Wi-Fi Module Included
- Battery Option
- Projected Capacitive Touchscreen
- NEMA 4X Stainless Steel Fully Closed Enclosure
- Waterproof Keyboard and Pointing Device
- ThinManager Ready Version Available
- Three Keyboard Options

Specifications	AMW-1321AX	
	E01	H01
<b>LCD Display</b>		
Display Size	21.5 inch	21.5 inch
Max Resolution	1920 x 1080	1920 x 1080
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	16:9	16:9
Viewing Angle (V/H)	178° / 178°	178° / 178°
Contrast Ratio	1000:1	1000:1
Brightness	250 nits	250 nits
<b>Touch Screen</b>		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	Skylake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	1 x USB 2.0	1 x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN / Wi-Fi	Wi-Fi	Wi-Fi
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
Internal Battery	Optional 1024 W/h Lithium Battery	Optional 1024 W/h Lithium Battery
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC
Power Consumption (Max)	47W (Without Charging)	60W (Without Charging)
Recommended Power Supply	Included	Included
Heat Dissipation (Average)	160 BTU/hr	205 BTU/hr
<b>Physical Information</b>		
Mounting	N/A	N/A
Net Weight	--	--
Dimension (WxHxD)	24.09 x 57.44 x 18.19 inch 612.0 x 1459.0 x 462.0 mm	24.09 x 57.44 x 18.19 inch 612.0 x 1459.0 x 462.0 mm
IP/MENA Rating	Meets NEMA 4X / IP66	Meets NEMA 4X / IP66
<b>Environmental</b>		
Operation Temperature	0~35°C (32~95°F)	0~35°C (32~95°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# AMW-2219AX

Industrial Stainless Steel NEMA 4X / IP66 Wi-Fi Mobile Operator Terminal Stations



## Features

- 2 x 19" Active Matrix TFT LCD Display
- Native Resolution at 1280 x 1024
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3/ Up to 16GB DDR4 DIMM
- Wi-Fi Module Included
- Battery Option
- Projected Capacitive Touchscreen
- NEMA 4X / IP66 Stainless Steel Fully Closed Enclosure
- Waterproof Keyboard and Pointing Device
- ThinManager Ready Version Available
- Three Keyboard Options

Specifications	AMW-2219AX	
	E01	H01
<b>LCD Display</b>		
Display Size	Two 19" LCD Display	Two 19" LCD Display
Max Resolution	1280 x 1024	1280 x 1024
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	5:4	5:4
Viewing Angle (V/H)	160° / 170°	160° / 170°
Contrast Ratio	1000:1	1000:1
Brightness	450 nits	450 nits
<b>Touch Screen</b>		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	Skylake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0 (1x Internal and 1x External)	2 x USB 2.0 (1x Internal and 1x External)
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN / Wi-Fi	Wi-Fi	Wi-Fi
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
Internal Battery	Optional 1024 W/h Lithium Battery	Optional 1024 W/h Lithium Battery
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC
Power Consumption (Average)	70W (Without Charging)	83W (Without Charging)
Recommended Power Supply	Included	Included
Heat Dissipation (Average)	238 BTU/hr	283 BTU/hr
<b>Physical Information</b>		
Mounting	N/A	N/A
Net Weight	--	--
Dimension (WxHxD)	33.82 x 62.34 x 22.06 inch 859 x 1583.4 x 560.2 mm	33.82 x 62.34 x 22.06 inch 859 x 1583.4 x 560.2 mm
IP/MENA Rating	Meets NEMA 4X / IP66	Meets NEMA 4X / IP66
<b>Environmental</b>		
Operation Temperature	0~35°C (32~95°F)	0~35°C (32~95°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%





## AMW-2224AX

Industrial Stainless Steel NEMA 4X / IP66 Wi-Fi Mobile Operator Terminal Stations

### Features

- 2 x 24" Active Matrix TFT LCD Display
- Native Resolution at 1920 x 1080
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3/ 16GB DDR4 SO-DIMM
- Wi-Fi Module Included
- Battery Option
- Projected Capacitive Touchscreen
- NEMA 4X / IP66 Stainless Steel Fully Closed Enclosure
- Waterproof Keyboard and Pointing Device
- ThinManager Ready Version Available
- Three Keyboard Options

Specifications	AMW-2224AX	
	E01	H01
<b>LCD Display</b>		
Display Size	Two 24" LCD Display	Two 24" LCD Display
Max Resolution	1920 x 1080	1920 x 1080
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	16:9	16:9
Viewing Angle (V/H)	160° / 170°	160° / 170°
Contrast Ratio	5000:1	5000:1
Brightness	250 nits	250 nits
<b>Touch Screen</b>		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	Skylake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0 (1x Internal and 1x External)	2 x USB 2.0 (1x Internal and 1x External)
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN / Wi-Fi	Wi-Fi	Wi-Fi
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
Internal Battery	Optional 1024 W/h Lithium Battery	Optional 1024 W/h Lithium Battery
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC
Power Consumption (Average)	87W (Without Charging)	100W (Without Charging)
Recommended Power Supply	Included	Included
Heat Dissipation (Average)	296 BTU/hr	341 BTU/hr
<b>Physical Information</b>		
Mounting	N/A	N/A
Net Weight	--	--
Dimension (WxHxD)	33.82 x 62.34 x 22.06 inch 859 x 1583.4 x 560.2 mm	33.82 x 62.34 x 22.06 inch 859 x 1583.4 x 560.2 mm
IP/MENA Rating	Meets NEMA 4X / IP66	Meets NEMA 4X / IP66
<b>Environmental</b>		
Operation Temperature	0~35°C (32~95°F)	0~35°C (32~95°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# AMW-2318AX

Industrial Stainless Steel NEMA 4X / IP66 Wi-Fi Mobile Operator Terminal Stations



## Features

- 3 x 18.5-inch Displays
- Native Resolution at 1920 x 1080
- 2.6/3.4 GHz i7-6600U/2.4/3.0 GHz i5-6300U, 1.6 GHz Celeron-3855U
- Up to 32GB DDR4 Memory
- Wi-Fi Module Included
- Battery Option
- Projected Capacitive Touchscreen
- NEMA 4X / IP66 Stainless Steel Fully Closed Enclosure
- Waterproof Keyboard and Pointing Device
- ThinManager Ready Version Available
- Three Keyboard Option

Specifications	AMW-2318AX H01
<b>LCD Display</b>	
Display Size	Three 18.5-inch LCD Display
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness	350 nits
<b>Touch Screen</b>	
Technology	Projected Capacitive
Interface	USB
Driver	Windows 10
<b>System</b>	
CPU	Intel i7-6600U CPU
Chipset	Skylake
Memory	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel HD Graphics 520
External Video Output	N/A
Storage Option	2.5" SSD
Compact Flash	Optional
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	N/A
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	2 x USB 2.0 (1x Internal and 1x External)
Serial Port	N/A
IEEE 1394	N/A
LAN / Wi-Fi	Wi-Fi
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
Internal Battery	Optional 1024 W/h Lithium Battery
<b>OS Support</b>	
OS Support	Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	110VAC~220VAC
Power Consumption (Average)	86W (Without Charging)
Recommended Power Supply	Included
Heat Dissipation (Average)	293 BTU/hr
<b>Physical Information</b>	
Mounting	N/A
Net Weight	--
Dimension (WxDxH)	54.43 x 57.37 x 21.17 inch 1382.5 x 1457.1 x 537.8 mm
IP/MENA Rating	Meets NEMA 4X / IP66
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0~35°C (32~95°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

# ARP-3821AX-AMA (Wall Mount 1)

Wall Mount 21.5 inch Capacitive Touch Screen Operator Workstation (Wall Mount 1)



## Features

- 21.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Stainless Steel Wall Mount Mounting Brackets Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Cables for 24V DC Input and Gigabit Ethernet (RJ45)

Specifications	ARP-3821AX-AMA(Wall Mount 1)	
	E01	H01
<b>LCD Display</b>		
Display Size	21.5 inch	21.5 inch
Max Resolution	1920 x 1080	1920 x 1080
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	16:9	16:9
Viewing Angle (V/H)	178° / 178°	178° / 178°
Contrast Ratio	1000:1	1000:1
Brightness	250 nits	250 nits
<b>Touchscreen</b>		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	SkyLake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	1x USB 2.0	1x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN / Wi-Fi	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.80A	24VDC / 2.40A
Power Consumption (Max)	43W	56W
Recommended Power Supply	62 W	80 W
Heat Dissipation	147 BTU/hr	192 BTU/hr
<b>Physical Information</b>		
Mounting	Wall Mount	Wall Mount
Net Weight	--	--
Dimension (WxHxD)	37.57 x 20.78 x 10.49 inch 532 x 954.4 x 266.53 mm	37.57 x 20.78 x 10.49 inch 532 x 954.4 x 266.53 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65
Certification	N/A	N/A
<b>Environmental</b>		
Operation Temperature	0-35°C (32-95°F)	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)	-20-60°C (-4-140°F)
Humidity	0-95%	0-95%

## ARP-3821AX-AMA (Wall Mount 2)

Adjustable Height Wall Mount 21.5 inch Capacitive Touch Screen Operator Workstation (Wall Mount 2) Workstation (Wall Mount 2)



### Features

- 21.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Adjustable Height Wall Mount Mounting Brackets Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Cables for 24V DC Input and Gigabit Ethernet (RJ45)

Specifications	ARP-3821AX-AMA(Wall Mount 2)	
	E01	H01
<b>LCD Display</b>		
Display Size	21.5 inch	21.5 inch
Max Resolution	1920 x 1080	1920 x 1080
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	16:9	16:9
Viewing Angle (V/H)	178° / 178°	178° / 178°
Contrast Ratio	1000:1	1000:1
Brightness	250 nits	250 nits
<b>Touchscreen</b>		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	SkyLake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	1x USB 2.0	1x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN / Wi-Fi	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.80A	24VDC / 2.40A
Power Consumption (Max)	43W	56W
Recommended Power Supply	62 W	80 W
Heat Dissipation	147 BTU/hr	192 BTU/hr
<b>Physical Information</b>		
Mounting	Wall Mount (Adjustable Height)	Wall Mount (Adjustable Height)
Net Weight	--	--
Dimension (WxHxD)	--	--
Recommended Cutout Dimension (WxH)	N/A	N/A
Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65
Certification	N/A	N/A
<b>Environmental</b>		
Operation Temperature	0-35°C (32-95°F)	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)	-20-60°C (-4-140°F)
Humidity	0-95%	0-95%

# ARP-5515AX-AMA (Ceiling Mount)

Wall Mount 15 inch Resistive Touch Screen Operator Workstation (Ceiling Mount)



## Features

- 15" LCD, 1024 x 768 Resolution
- 5-Wire Resistive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Stainless Steel Wall Mount Mounting Brackets Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Cables for 24V DC Input and Gigabit Ethernet (RJ45)

Specifications	ARP-5515AX-AMA(Ceiling Mount)	
	E01	H01
<b>LCD Display</b>		
Display Size	15.0 inch	15.0 inch
Max Resolution	1024 x 768	1024 x 768
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	4:3	4:3
Viewing Angle (V/H)	140° / 170°	140° / 170°
Contrast Ratio	700 : 1	700 : 1
Brightness	300 nits (max)	300 nits (max)
<b>Touchscreen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	Skylake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	1x USB 2.0	1x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN / Wi-Fi	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.17A	24VDC / 1.70A
Power Consumption (Max)	28 W	41 W
Recommended Power Supply	40 W	59W
Heat Dissipation	96 BTU/hr	140 BTU/hr
<b>Physical Information</b>		
Mounting	Optional Mounting (Refer to Accessories)	Optional Mounting (Refer to Accessories)
Net Weight	42 Lbs/ 20 kg	42 Lbs/ 20 kg
Dimension (W x H x D)	--	--
Recommended Cutout Dimension (WxH)	N/A	N/A
Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65
Certification	N/A	N/A
<b>Environmental</b>		
Operation Temperature	0-35°C (32-95°F)	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)	-20-60°C (-4-140°F)
Humidity	0-95%	0-95%

# ARP-5517AX-AMA (Ceiling Mount)

Wall Mount 17 inch Resistive Touch Screen Operator Workstation (Ceiling Mount)



## Features

- 17" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Stainless Steel Wall Mount Mounting Brackets Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Cables for 24V DC Input and Gigabit Ethernet (RJ45)

Specifications	ARP-5517AX-AMA(Ceiling Mount)	
	E01	H01
<b>LCD Display</b>		
Display Size	17.0 inch	17.0 inch
Max Resolution	1280 x 1024	1280 x 1024
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	5:4	5:4
Viewing Angle (V/H)	160° / 140°	160° / 140°
Contrast Ratio	800 : 1	800 : 1
Brightness	350 nits	350 nits
<b>Touchscreen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	Skylake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	1x USB 2.0	1x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN / Wi-Fi	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.25A	24VDC / 1.80A
Power Consumption (Max)	30 W	43 W
Recommended Power Supply	43 W	62W
Heat Dissipation	103 BTU/hr	146 BTU/hr
<b>Physical Information</b>		
Mounting	Optional Mounting (Refer to Accessories)	Optional Mounting (Refer to Accessories)
Net Weight	44 Lbs / 20Kg	44 Lbs / 20Kg
Dimension (W x H x D)	--	--
Recommended Cutout Dimension (WxH)	N/A	N/A
Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65
Certification	N/A	N/A
<b>Environmental</b>		
Operation Temperature	0-35°C (32-95°F)	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)	-20-60°C (-4-140°F)
Humidity	0-95%	0-95%

# ARP-5519AX-AMA (Ceiling Mount)

Wall Mount 19 inch Resistive Touch Screen Operator Workstation (Ceiling Mount)



## Features

- 19" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Stainless Steel Wall Mount Mounting Brackets Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Cables for 24V DC Input and Gigabit Ethernet (RJ45)

Specifications	ARP-5519AX-AMA(Ceiling Mount)	
	E01	H01
<b>LCD Display</b>		
Display Size	19.0 inch	19.0 inch
Max Resolution	1280 x 1024	1280 x 1024
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	Up to 5:4	Up to 5:4
Viewing Angle (V/H)	160° / 170°	160° / 170°
Contrast Ratio	1000:1	1000:1
Brightness	450 nits	450 nits
<b>Touchscreen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	SkyLake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	1x USB 2.0	1x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN / Wi-Fi	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.25A	24VDC / 1.80A
Power Consumption (Max)	30 W	43 W
Recommended Power Supply	43 W	62W
Heat Dissipation	103 BTU/hr	146 BTU/hr
<b>Physical Information</b>		
Mounting	Optional Mounting (Refer to Accessories)	Optional Mounting (Refer to Accessories)
Net Weight	45 Lbs / 21 Kg	45 Lbs / 21 Kg
Dimension (W x H x D)	--	--
Recommended Cutout Dimension (WxH)	N/A	N/A
Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65
Certification	N/A	N/A
<b>Environmental</b>		
Operation Temperature	0-35°C (32-95°F)	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)	-20-60°C (-4-140°F)
Humidity	0~95%	0~95%

# AMA-7015AX

Recessed Wall / Wall Mount 15 inch Resistive Touch Screen Operator Workstation (Wall-recessed)



## Features

- 15" LCD, 1024 x 768 Resolution
- 5-Wire Resistive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Recessed Wall / Wall Mount
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available

Specifications	AMA-7015AX	
	E01	H01
<b>LCD Display</b>		
Display Size	15.0 inch	15.0 inch
Max Resolution	1024 x 768	1024 x 768
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	4:3	4:3
Viewing Angle (V/H)	140° / 170°	140° / 170°
Contrast Ratio	700 : 1	700 : 1
Brightness	300 nits (max)	300 nits (max)
<b>Touch Screen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	SkyLake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	1 x USB 3.0, 1 x USB 2.0	1 x USB 3.0, 1 x USB 2.0
Serial Port	4 x RS-232/422/485 BIOS Selectable	4 x RS-232/422/485 BIOS Selectable
IEEE 1394	N/A	N/A
LAN	2 x Gigabit	2 x Gigabit
Parallel	N/A	N/A
GPIO	4 x DI, 4 x DO	4 x DI, 4 x DO
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC
Power Consumption (Max)	28 W	41 W
Recommended Power Supply	Included	Included
Heat Dissipation	96 BTU/hr	140 BTU/hr
<b>Physical Information</b>		
Mounting	Recessed Wall / Wall Mount	Recessed Wall / Wall Mount
Net Weight	--	--
Dimension (W x H x D)	26.39 x 32.61 x 7.44 inch 670.2 x 828.2 x 188.9 mm	26.39 x 32.61 x 7.44 inch 670.2 x 828.2 x 188.9 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65
Certification	N/A	N/A
<b>Environmental</b>		
Operation Temperature	0-35°C (32-95°F)	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)	-20-60°C (-4-140°F)
Humidity	0~95%	0~95%



# AMA-7019AX

Recessed Wall / Wall Mount 19 inch Resistive Touch Screen Operator Workstation (Wall-recessed)



## Features

- 19" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Recessed Wall / Wall Mount
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available

Specifications	AMA-7019AX	
	E01	H01
<b>LCD Display</b>		
Display Size	19 inch	19 inch
Max Resolution	1028 x 1024	1028 x 1024
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	5:4	5:4
Viewing Angle (V/H)	160° / 140°	160° / 140°
Contrast Ratio	800 : 1	800 : 1
Brightness	350 nits	350 nits (max)
<b>Touch Screen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	SkyLake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	1 x USB 3.0, 1 x USB 2.0	1 x USB 3.0, 1 x USB 2.0
Serial Port	4 x RS-232/422/485 BIOS Selectable	4 x RS-232/422/485 BIO Selectable
IEEE 1394	N/A	N/A
LAN	2 x Gigabit	2 x Gigabit
Parallel	N/A	N/A
GPIO	4 x DI, 4 x DO	4 x DI, 4 x DO
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC
Power Consumption (Max)	30 W	43 W
Recommended Power Supply	Included	Included
Heat Dissipation	103 BTU/hr	146 BTU/hr
<b>Physical Information</b>		
Mounting	Recessed Wall / Wall Mount	Recessed Wall / Wall Mount
Net Weight	--	--
Dimension (W x H x D)	26.39 x 33.61 x 7.44 inch 670.2 x 828.2 x 188.9 mm	26.39 x 33.61 x 7.44 inch 670.2 x 828.2 x 188.9 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65
Certification	N/A	N/A
<b>Environmental</b>		
Operation Temperature	0-35°C (32-95°F)	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)	-20-60°C (-4-140°F)
Humidity	0~95%	0~95%

# AMA-7021AX

Recessed Wall / Wall Mount 21.5 inch Resistive Touch Screen Operator Workstation (Wall-recessed)



## Features

- 21.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Recessed Wall / Wall Mount
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available

Specifications	AMA-7021AX	
	E01	H01
<b>LCD Display</b>		
Display Size	21.5 inch	21.5 inch
Max Resolution	1920 x 1080	1920 x 1080
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	16:9	16:9
Viewing Angle (V/H)	178° / 178°	178° / 178°
Contrast Ratio	1000:1	1000:1
Brightness	250 nits	250 nits (max)
<b>Touch Screen</b>		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	SkyLake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	1 x USB 3.0, 1 x USB 2.0	1 x USB 3.0, 1 x USB 2.0
Serial Port	4 x RS-232/422/485 BIOS Selectable	4 x RS-232/422/485 BIO Selectable
IEEE 1394	N/A	N/A
LAN	2 x Gigabit	2 x Gigabit
Parallel	N/A	N/A
GPIO	4 x DI, 4 x DO	4 x DI, 4 x DO
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	110VAC~220VAC	110VAC~220VAC
Power Consumption (Max)	43W	56W
Recommended Power Supply	Included	Included
Heat Dissipation	147 BTU/hr	192 BTU/hr
<b>Physical Information</b>		
Mounting	Recessed Wall / Wall Mount	Recessed Wall / Wall Mount
Net Weight	--	--
Dimension (W x H x D)	26.39 x 33.61 x 7.44 inch 670.2 x 828.2 x 188.9 mm	26.39 x 33.61 x 7.44 inch 670.2 x 828.2 x 188.9 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65
Certification	N/A	N/A
<b>Environmental</b>		
Operation Temperature	0-35°C (32-95°F)	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)	-20-60°C (-4-140°F)
Humidity	0~95%	0~95%

# AMA-7421AX (Pedestal Mount)

Pedestal Mount 21.5 inch Capacitive Touch Screen Operator Workstation (Pedestal Mount)



## Features

- 21.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Stainless Steel Pedestal Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Cables for 24V DC Input and Gigabit Ethernet (RJ45)

Specifications	AMA-7421AX (Pedestal Mount)	
	E01	H01
<b>LCD Display</b>		
Display Size	21.5 inch	21.5 inch
Max Resolution	1920 x 1080	1920 x 1080
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	16:9	16:9
Viewing Angle (V/H)	178° / 178°	178° / 178°
Contrast Ratio	1000:1	1000:1
Brightness	250 nits	250 nits
<b>Touch Screen</b>		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 10
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	SkyLake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard	Membrane or Silicon Rubber Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad	Pointing Device or Touch Pad
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	1 x USB 2.0	1 x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.80A	24VDC / 2.40A
Power Consumption (Average)	43W	56W
Recommended Power Supply	62 W	80 W
Heat Dissipation (Average)	147 BTU/hr	192 BTU/hr
<b>Physical Information</b>		
Mounting	Pedestal Mount	Pedestal Mount
Net Weight	20 Lbs/9.07 kg	20 Lbs/9.07 kg
Dimension (W x H x D)	24.57 x 59.69 x 13.58 inch 624 x 1516.3 x 344.89 mm	24.57 x 59.69 x 13.58 inch 624 x 1516.3 x 344.89 mm
IP/MENA Rating	Meets NEMA 4X / IP65	Meets NEMA 4X / IP65
Certification	N/A	N/A
<b>Environmental</b>		
Operation Temperature	0-35°C (32-95°F)	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)	-20-60°C (-4-140°F)
Relative Humidity	0~95%	0~95%

# ARP-3821AX-AMA-E01 (Wall Mount 1)

Wall Mount 21.5-inch Capacitive Touch Screen Operator Workstation  
Powered by 802.3bt Type 3/4 PoE (Wall Mount 1)



## Features

- 21.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Stainless Steel Wall Mount Mounting Brackets Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Powered By 802.3bt Type 3/4 PoE

Specifications	ARP-3821AX-AMA-E01(Wall Mount 1)
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness	250 nits
<b>Touch Screen</b>	
Technology	Projected Capacitive
Interface	USB
Driver	Windows 7, Windows 10
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	2.5" SSD
CFast	Optional
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	1x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN / Wi-Fi	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By 802.3bt Type 3/4 PoE
Power Consumption (Max)	43W
Recommended Power Supply	62W
Heat Dissipation	147 BTU/hr
<b>Physical Information</b>	
Mounting	Wall Mount
Net Weight	--
Dimension (W x H x D)	37.57 x 20.78 x 10.49 inch 532 x 954.4 x 266.53 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets NEMA 4X / IP65
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)
Humidity	0~95%

## ARP-3821AX-AMA-E01 (Wall Mount 2)

Adjustable Height Wall Mount 21.5-inch Capacitive Touch Screen  
Operator Workstation Powered by 802.3bt Type 3/4 PoE (Wall Mount 2)



### Features

- 21.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Adjustable Height Wall Mount Mounting Brackets Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Powered By 802.3bt Type 3/4 PoE

Specifications	ARP-3821AX-AMA-E01(Wall Mount 2)
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness	250 nits
<b>Touch Screen</b>	
Technology	Projected Capacitive
Interface	USB
Driver	Windows 7, Windows 10
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	2.5" SSD
CFast	Optional
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	1x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN / Wi-Fi	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By 802.3bt Type 3/4 PoE
Power Consumption (Max)	43W
Recommended Power Supply	62W
Heat Dissipation	147 BTU/hr
<b>Physical Information</b>	
Mounting	Wall Mount (Adjustable Height)
Net Weight	--
Dimension (W x H x D)	--
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets NEMA 4X / IP65
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)
Humidity	0~95%

## ARP-5515AX-AMA-E01 (Ceiling Mount)

Wall Mount 15-inch Resistive Touch Screen Operator Workstation  
Powered by 802.3bt Type 3/4 PoE (Ceiling Mount)



### Features

- 15" LCD, 1024 x 768 Resolution
- 5-Wire Resistive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Stainless Steel Wall Mount Mounting Brackets Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Powered By 802.3bt Type 3/4 PoE

Specifications	ARP-5515AX-AMA-E01(Ceiling Mount)
<b>LCD Display</b>	
Display Size	15.0 inch
Max Resolution	1024 x 768
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	4:3
Viewing Angle (V/H)	140° / 170°
Contrast Ratio	700 : 1
Brightness	300 nits (max)
<b>Touch Screen</b>	
Technology	5 Wire Resistive
Interface	USB
Driver	Windows 7, Windows 10
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	2.5" SSD
CFast	Optional
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	1x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN / Wi-Fi	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By 802.3bt Type 3/4 PoE
Power Consumption (Max)	28W
Recommended Power Supply	40W
Heat Dissipation	96 BTU/hr
<b>Physical Information</b>	
Mounting	Optional Mounting (Refer to Accessories)
Net Weight	42 Lbs/ 20 kg
Dimension (W x H x D)	--
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets NEMA 4X / IP65
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)
Humidity	0~95%

## ARP-5517AX-AMA-E01 (Ceiling Mount)

Wall Mount 17-inch Resistive Touch Screen Operator Workstation  
Powered by 802.3bt Type 3/4 PoE (Ceiling Mount)



### Features

- 17" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Stainless Steel Wall Mount Mounting Brackets Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Powered By 802.3bt Type 3/4 PoE

Specifications	ARP-5517AX-AMA-E01(Ceiling Mount)
<b>LCD Display</b>	
Display Size	17.0 inch
Max Resolution	1280 x 1024
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	160° / 140°
Contrast Ratio	800 : 1
Brightness	350 nits
<b>Touch Screen</b>	
Technology	5 Wire Resistive
Interface	USB
Driver	Windows 7, Windows 10
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	2.5" SSD
CFast	Optional
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	1x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN / Wi-Fi	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By 802.3bt Type 3/4 PoE
Power Consumption (Max)	30 W
Recommended Power Supply	43 W
Heat Dissipation	103 BTU/hr
<b>Physical Information</b>	
Mounting	Optional Mounting (Refer to Accessories)
Net Weight	44 Lbs / 20Kg
Dimension (W x H x D)	--
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets NEMA 4X / IP65
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)
Humidity	0~95%

## ARP-5519AX-AMA-E01 (Ceiling Mount)

Wall Mount 19-inch Resistive Touch Screen Operator Workstation  
Powered by 802.3bt Type 3/4 PoE (Ceiling Mount)



### Features

- 19" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Stainless Steel Wall Mount Mounting Brackets Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Powered By 802.3bt Type 3/4 PoE

Specifications	ARP-5519AX-AMA-E01(Ceiling Mount)
<b>LCD Display</b>	
Display Size	19.0 inch
Max Resolution	1280 x 1024
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	Up to 5:4
Viewing Angle (V/H)	160° / 170°
Contrast Ratio	1000:1
Brightness	450 nits
<b>Touch Screen</b>	
Technology	5 Wire Resistive
Interface	USB
Driver	Windows 7, Windows 10
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	2.5" SSD
CFast	Optional
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	1x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN / Wi-Fi	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By 802.3bt Type 3/4 PoE
Power Consumption (Max)	30 W
Recommended Power Supply	43 W
Heat Dissipation	103 BTU/hr
<b>Physical Information</b>	
Mounting	Optional Mounting (Refer to Accessories)
Net Weight	45 Lbs / 21 Kg
Dimension (W x H x D)	--
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets NEMA 4X / IP65
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)
Humidity	0~95%





## AMA-7421AX-E01 (Pedestal Mount)

Pedestal Mount 21.5-inch Resistive Touch Screen Operator Workstation Powered by 802.3bt Type 3/4 PoE (Pedestal Mount)

### Features

- 21.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3
- Stainless Steel Fully Closed Enclosure
- Meets NEMA 4X / IP66 Protection Requirements
- Stainless Steel Pedestal Included
- Waterproof Keyboard and Pointing Device
- Three Keyboard Options
- ThinManager Ready Version Available
- Powered By 802.3bt Type 3/4 PoE

Specifications	AMA-7421AX-E01(Pedestal Mount)
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness	250 nits
<b>Touch Screen</b>	
Technology	Projected Capacitive
Interface	USB
Driver	Windows 7, Windows 10
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	2.5" SSD
CFast	Optional
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	1 x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By 802.3bt Type 3/4 PoE
Power Consumption (Average)	43W
Recommended Power Supply	62 W
Heat Dissipation (Average)	147 BTU/hr
<b>Physical Information</b>	
Mounting	Pedestal Mount
Net Weight	20 Lbs/9.07 kg
Dimension (W x H x D)	24.57 x 59.69 x 13.58 inch 624 x 1516.3 x 344.89 mm
IP/MENA Rating	Meets NEMA 4X / IP65
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0-35°C (32-95°F)
Storage Temperature	-20-60°C (-4-140°F)
Relative Humidity	0~95%

## AMA-2121AX-KVM

Wall Mount Waterproof KVM Extender Integrated 21.5 inch LCD Operator Station. True one-cable solution up to 100 meters CAT6 cable, no power supply is required



### Features

- 21.5-inch HFD LCD Display
- 1920 x 1080 Resolutions
- Projected Capacitive Touch Screen
- NEMA 4X / Waterproof Stainless-Steel Enclosure
- Single CAT6 cable connection to KVM Transmitter
- True one-cable solution up to 100 meters CAT6 cable
- No Power Supply is required
- Accessible Waterproof USB Ports Available
- Built-in a 1-port 100BaseT Ethernet pass-through
- 3x Keyboard and Pointing Device options
- Left and Right Mouse Tray

Specifications	AMA-2121AX-KVM
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness (max)	250 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
USB Device Ports	2x
Pass Through Network	1x 10/100 MB Ethernet
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	Wall Mount (Mounting Brackets Included)
Net Weight	--
Dimension (W x H x D)	37.57 x 20.78 x 10.49 inch 532 x 954.4 x 266.53 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets IP66, NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	0 to 95%
Enclosure Materials	SS 316L
<b>KVM Transmitter (Shipped with AMA-2121AX-KVM)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	Network Pass Through to AMA-2121AX-KVM
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including AMA-2121AX)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr

## AMA-7421AX-KVM

21.5-inch Remote KVM Workstation up to a 330 feet single CAT6 cable connection to the computer



AMA-7421AX-0AC

AMA-7421AX-KVM-03C

### Features

- 21.5-inch HFD LCD Display
- 1920 x 1080 Resolutions
- Projected Capacitive Touch Screen
- NEMA 4X / Waterproof Stainless-Steel Enclosure
- Single CAT6 cable connection to KVM Transmitter
- True one-cable solution up to 100 meters CAT6 cable
- No Power Supply is required
- Accessible Waterproof USB Ports Available
- 3x Keyboard Options
- HDMI & USB Extender is included
- 3 to 1 / 4 to 1 KVM Switch Extender Options

Specifications	AMA-7421AX-KVM
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness (max)	250 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
USB Device Ports	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	Pedestal Mount (Included)
Net Weight	20 Lbs/9.07 kg
Dimension (W x H x D)	24.57 x 59.69 x 13.58 inch 624 x 1516.3 x 344.89 mm
Rating	Meets IP66, NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 - 50°C (32 - 122°F)
Storage Temperature	-20 - 60°C (-4 - 140°F)
Relative Humidity	5% to 95% non-condensing
Enclosure Materials	SS 316L
<b>KVM Transmitter (Shipped with AMA-7421AX-KVM)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 (No Function)
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including AMA-7421AX)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr

# ARP-3821AX

NEMA 4X / IP65 Waterproof Panel PC with 21.5-inch PCAP Touch Screen



## Features

- 21.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch
- Stainless Steel Enclosure
- Meets NEMA 4X / IP65 requirements
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3/ Up to 16GB DDR4 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- Wi-Fi Connectivity (Optional)
- 24VDC Operating Voltage

Specifications	ARP-3821AX	
	E01	H01
<b>LCD Display</b>		
Display Size	21.5 inch	21.5 inch
Max Resolution	1920 x 1080	1920 x 1080
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	16:9	16:9
Viewing Angle (V/H)	178° / 178°	178° / 178°
Contrast Ratio	1000 : 1	1000 : 1
Brightness	250 nits	250 nits
<b>Touchscreen</b>		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 7, Windows 10
<b>Enclosure</b>		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel 316L	Stainless Steel 316L
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	3.4 GHz i7-6600U
Chipset	Bay Trail	By CPU
Memory	Up to 8GB DDR3L SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
Compact Flash	N/A	N/A
Keyboard / Mouse	USB	USB
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0	2 x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
External Smart Battery	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.58A	24VDC / 2.2A
Power Consumption (Max)	38 W	51W
Recommended Power Supply	55 W	75W
Heat Dissipation	130 BTU/hr	174 BTU/hr
<b>Physical Information</b>		
Mounting	Pedestal, VESA, Wall mount, Benchttop	Pedestal, VESA, Wall and Ceiling mount, Benchttop
Net Weight	27 Lbs / 12.25 Kg	27 Lbs / 12.25 Kg
Dimension (W x H x D)	20.94 x 13.64 x 3.69 inch 532.0 x 346.4 x 93.7 mm	20.94 x 13.64 x 3.69 inch 532.0 x 346.4 x 93.7 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
IP/NEMA Rating	Meets NEMA 4X	Meets NEMA 4X
Certification	UL60950	UL60950
<b>Environmental</b>		
Operating Temperature	0~50°C (32~122°F)	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# ARP-5515AX

NEMA 4X Waterproof Panel PC with 15-inch Touch Screen



## Features

- 15" LCD, 1024 x 768 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Meets NEMA 4X requirements
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3/ Up to 16GB DDR4 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- Wi-Fi Connectivity (Optional)
- 24VDC Operating Voltage

Specifications	ARP-5515AX	
	E01	H01
<b>LCD Display</b>		
Display Size (Diagonal)	15.0 inch	15.0 inch
Resolution	1024 x 768	1024 x 768
Backlight Lifetime (Hours)	50,000	50,000
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	4:3	4:3
Viewing Angle (V/H)	140° / 170°	140° / 170°
Contrast Ratio	700 : 1	700 : 1
Brightness	300 nits (max)	300 nits (max)
<b>Touchscreen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 7, Windows 10
<b>Enclosure</b>		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel	Stainless Steel
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U
Chipset	Bay Trail	By CPU
Memory	Up to 8GB DDR3L SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	Optional 2.5" SSD	Optional 2.5" SSD
Compact Flash	N/A	N/A
Keyboard / Mouse	USB	USB
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0	2 x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
External Smart Battery	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.17A	24VDC / 1.7A
Power Consumption (Max)	28 W	40W
Recommended Power Supply	40 W	60W
Heat Dissipation	96 BTU/hr	136 BTU/hr
<b>Physical Information</b>		
Mounting	Pedestal, VESA, Wall and Ceiling mount, Benchtop	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	32 Lbs/ 14.52 kg	32 Lbs / 14.52 Kg
Dimension (W x H x D)	14.51 x 12.42 x 4.09 inch 368.6 x 315.5 x 103.9 mm	14.51 x 12.42 x 4.09 inch 368.6 x 315.5 x 103.9 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
IP/NEMA Rating	Meets NEMA 4X	Meets NEMA 4X
Certification	UL60950	UL60950
<b>Environmental</b>		
Operating Temperature	0~50°C (32~122°F)	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# ARP-5517AX

NEMA 4X Waterproof Panel PC with 17-inch Touch Screen



## Features

- 17" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Meets NEMA 4X requirements
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3/ Up to 16GB DDR4 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- Wi-Fi Connectivity (Optional)
- 24VDC Operating Voltage

Specifications	ARP-5517AX	
	E01	H01
<b>LCD Display</b>		
Display Size	17.0 inch	17.0 inch
Max Resolution	1280 x 1024	1280 x 1024
Backlight Lifetime	50,000 hours	50,000
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	5:4	5:4
Viewing Angle (V/H)	160° / 140°	160° / 140°
Contrast Ratio	800 : 1	800 : 1
Brightness	350 nits	350 nits (max)
<b>Touchscreen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 7, Windows 10
<b>Enclosure</b>		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel	Stainless Steel
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U
Chipset	Bay Trail	By CPU
Memory	Up to 8GB DDR3L SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	Optional 2.5" SSD	Optional 2.5" SSD
Compact Flash	N/A	N/A
Keyboard / Mouse	USB	USB
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0	2 x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
External Smart Battery	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.25A	24VDC / 2.2A
Power Consumption (Max)	30 W	51W
Recommended Power Supply	43 W	75W
Heat Dissipation	103 BTU/hr	174 BTU/hr
<b>Physical Information</b>		
Mounting	Pedestal, VESA, Wall and Ceiling mount, Benchtop	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	34 Lbs / 15.42 Kg	34 Lbs / 15.42 Kg
Dimension (W x H x D)	15.88 x 14.07 x 4.36 inch 403.4 x 357.4 x 110.7 mm	15.88 x 14.07 x 4.36 inch 403.4 x 357.4 x 110.7 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
IP/NEMA Rating	Meets NEMA 4X	Meets NEMA 4X
Certification	UL60950	UL60950
<b>Environmental</b>		
Operating Temperature	0~50°C (32~122°F)	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# ARP-5519AX

NEMA 4X Waterproof Panel PC with 19-inch Touch Screen



## Features

- 19" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Meets NEMA 4X requirements
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3/ Up to 16GB DDR4 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- Wi-Fi Connectivity (Optional)
- 24VDC Operating Voltage

Specifications	ARP-5519AX	
	E01	H01
<b>LCD Display</b>		
Display Size	19.0 inch	19.0 inch
Max Resolution	1280 x 1024	1280 x 1024
Backlight Lifetime	50,000 hours	50,000
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	5:4	5:4
Viewing Angle (V/H)	160° / 170°	160° / 170°
Contrast Ratio	1000 : 1	1000 : 1
Brightness	450 nits	450 nits (max)
<b>Touchscreen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 7, Windows 10
<b>Enclosure</b>		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel	Stainless Steel
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U
Chipset	Bay Trail	By CPU
Memory	Up to 8GB DDR3L SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	Optional 2.5" SSD	Optional 2.5" SSD
Compact Flash	N/A	N/A
Keyboard / Mouse	USB	USB
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0	2 x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
External Smart Battery	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.25A	24VDC / 2.2A
Power Consumption (Max)	30 W	51W
Recommended Power Supply	43 W	75W
Heat Dissipation	103 BTU/hr	174 BTU/hr
<b>Physical Information</b>		
Mounting	Pedestal, VESA, Wall and Ceiling mount, Benchtop	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	35 Lbs / 15.88 Kg	35 Lbs / 15.88 Kg
Dimension (W x H x D)	17.80 x 15.19 x 4.40 inch 452.1 x 385.8 x 111.8 mm	17.80 x 15.19 x 4.40 inch 452.1 x 385.8 x 111.8 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
IP/NEMA Rating	Meets NEMA 4X	Meets NEMA 4X
Certification	UL60950	UL60950
<b>Environmental</b>		
Operating Temperature	0~50°C (32~122°F)	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# ARP-5542AX

NEMA 4X Waterproof Panel PC with 42-inch IR Touch Screen



## Features

- 42" LCD, 1920 x 1080 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- Wi-Fi Connectivity (Optional)
- 24VDC Operating Voltage

Specifications	ARP-5542AX-E01
<b>LCD Display</b>	
Display Size	42 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	1073 million
Aspect Ratio	16:09
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	4000:01:00
Brightness	500 nits
<b>Touchscreen</b>	
Technology	Infrared
Interface	USB
Driver	Windows 7 & Windows 10
<b>Enclosure</b>	
NEMA 4	N/A
NEMA 4x	Stainless Steel
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3L SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	Optional 2.5" SSD
Compact Flash	N/A
Keyboard / Mouse	USB
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	2 x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC / 7.54A
Power Consumption (Max)	181 W
Recommended Power Supply	259 W
Heat Dissipation	618 BTU/hr
<b>Physical Information</b>	
Mounting	VESA Mount (Optional Wall mount)
Net Weight	110 Lbs/ 50 kg
Dimension (W x H x D)	42.87 x 27.29 x 5.38 inch 1089.0 x 693.05 x 136.1 mm
Recommended Cutout Dimension (WxH)	N/A
IP/NEMA Rating	Meets NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%





# ARP-3821AX-E01

NEMA 4X Waterproof Panel PC with 21.5

## Features

- 21.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- Stainless Steel Enclosure
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- 8GB DDR3 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Powered By 802.3bt Type 3/4 PoE

Specifications	ARP-3821AX-E01
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000 : 1
Brightness	250 nits
<b>Touchscreen</b>	
Technology	Projected Capacitive
Interface	USB x 2
Driver	Windows 7, Windows 10
<b>Enclosure</b>	
NEMA 4	N/A
NEMA 4x	Stainless Steel
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	N/A
Compact Flash	N/A
Keyboard / Mouse	USB
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	2 x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	N/A
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By Poe 802.3bt Type 3/4
Power Consumption (Max)	38 W
Recommended Power Supply	55 W
Heat Dissipation	130 BTU/hr
<b>Physical Information</b>	
Mounting	Pedestal, VESA, Wall mount, Benchtop
Net Weight	27 Lbs / 12.25 Kg
Dimension (W x H x D)	20.94 x 13.64 x 3.69 inch 532.0 x 346.4 x 93.7 mm
IP/NEMA Rating	Meets NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

# ARP-5515AX-E01

NEMA 4X Waterproof Panel PC with 15



## Features

- 15" LCD, 1024 x 768 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Powered By 802.3bt Type 3/4 PoE

Specifications	ARP-5515AX-E01
<b>LCD Display</b>	
Display Size (Diagonal)	15.0 inch
Resolution	1024 x 768
Backlight Lifetime (Hours)	50,000
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	4:3
Viewing Angle (V/H)	140° / 170°
Contrast Ratio	700 : 1
Brightness	300 nits (max)
<b>Touchscreen</b>	
Technology	5 Wire Resistive
Interface	USB X 2
Driver	Windows 7, Windows 10
<b>Enclosure</b>	
NEMA 4	N/A
NEMA 4x	Stainless Steel
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	N/A
Compact Flash	N/A
Keyboard / Mouse	USB
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	2 x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By Poe 802.3bt Type 3/4
Power Consumption (Max)	28 W
Recommended Power Supply	40 W
Heat Dissipation	96 BTU/hr
<b>Physical Information</b>	
Mounting	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	32 Lbs/ 14.52 kg
Dimension (W x H x D)	14.51 x 12.42 x 4.09 inch 368.6 x 315.5 x 103.9 mm
Recommended Cutout Dimension (WxH)	N/A
IP/NEMA Rating	Meets NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

# ARP-5517AX-E01

NEMA 4X Waterproof Panel PC with 17"



## Features

- 17" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Powered By 802.3bt Type 3/4 PoE

Specifications	ARP-5517AX-E01
<b>LCD Display</b>	
Display Size (Diagonal)	17.0 inch
Resolution	1280 x 1024
Backlight Lifetime (Hours)	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	160° / 140°
Contrast Ratio	800 : 1
Brightness	350 nits
<b>Touchscreen</b>	
Technology	5 Wire Resistive
Interface	USB x 2
Driver	Windows 7, Windows 10
<b>Enclosure</b>	
NEMA 4	N/A
NEMA 4x	Stainless Steel
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	N/A
Compact Flash	N/A
Keyboard / Mouse	USB
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	2 x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By Poe 802.3bt Type 3/4
Power Consumption (Max)	30 W
Recommended Power Supply	43 W
Heat Dissipation	103 BTU/hr
<b>Physical Information</b>	
Mounting	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	34 Lbs / 15.42 Kg
Dimension (W x H x D)	15.88 x 14.07 x 4.36 inch 403.4 x 357.4 x 110.7 mm
Recommended Cutout Dimension (WxH)	N/A
IP/NEMA Rating	Meets NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

# ARP-5519AX-E01

NEMA 4X Waterproof Panel PC with 19"



## Features

- 19" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- 8GB DDR3 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Powered By 802.3bt Type 3/4 PoE

Specifications	ARP-5519AX-E01
<b>LCD Display</b>	
Display Size (Diagonal)	19.0 inch
Resolution	1280 x 1024
Backlight Lifetime (Hours)	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	160° / 170°
Contrast Ratio	1000 : 1
Brightness	450 nits
<b>Touchscreen</b>	
Technology	5 Wire Resistive
Interface	USB x 2
Driver	Windows 7, Windows 10
<b>Enclosure</b>	
NEMA 4	N/A
NEMA 4x	Stainless Steel
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	N/A
Compact Flash	N/A
Keyboard / Mouse	USB
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	2 x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By Poe 802.3bt Type 3/4
Power Consumption (Max)	30 W
Recommended Power Supply	43 W
Heat Dissipation	103 BTU/hr
<b>Physical Information</b>	
Mounting	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	35 Lbs / 15.88 Kg
Dimension (W x H x D)	17.80 x 15.19 x 4.40 inch 452.1 x 385.8 x 111.8 mm
Recommended Cutout Dimension (WxH)	N/A
IP/NEMA Rating	Meets NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

# ARP-5542AX

NEMA 4X Waterproof Panel PC with 42-inch IR Touch Screen



## Features

- 42" LCD, 1920 x 1080 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- Wi-Fi Connectivity (Optional)
- 24VDC Operating Voltage

Specifications	ARP-5542AX-E01
<b>LCD Display</b>	
Display Size	42 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	1073 million
Aspect Ratio	16:09
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	4000:01:00
Brightness	500 nits
<b>Touchscreen</b>	
Technology	Infrared
Interface	USB
Driver	Windows 7 & Windows 10
<b>Enclosure</b>	
NEMA 4	N/A
NEMA 4x	Stainless Steel
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3L SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	Optional 2.5" SSD
Compact Flash	N/A
Keyboard / Mouse	USB
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	2 x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN	1 x Gigabit
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	Windows 7, Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC / 7.54A
Power Consumption (Max)	181 W
Recommended Power Supply	259 W
Heat Dissipation	618 BTU/hr
<b>Physical Information</b>	
Mounting	VESA Mount (Optional Wall mount)
Net Weight	110 Lbs/ 50 kg
Dimension (W x H x D)	42.87 x 27.29 x 5.38 inch 1089.0 x 693.05 x 136.1 mm
Recommended Cutout Dimension (WxH)	N/A
IP/NEMA Rating	Meets NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

# ARP-3855BP

VESA Mount Panel PC with 55-inch PCAP Touch Screen



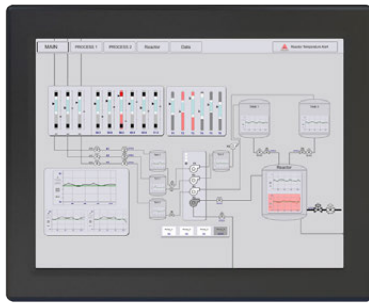
## Features

- 55" LCD, 1920 x 1080 Resolution
- Removable CPU Module
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3 Memory
- Optional 2.5" SSD
- Dual Gigabit Ethernet
- 1 x R232/422/485
- 1 x USB 3.0, 3 x USB 2.0 ports
- Auxiliary VGA, HDMI Inputs
- IR Remote Control
- Optional Wall Mount Bracket

Specifications	ARP-3855BP-E01
<b>LCD Display</b>	
Display Size (Diagonal)	55.0 inch
Resolution	1920 x 1080
Backlight Lifetime (Hours)	50,000
<b>Visual Characteristics</b>	
Colors	1073.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	4000 : 1
Brightness	500 nits
<b>Auxiliary Video Input</b>	
VGA	Yes
DVI	Yes
HDMI	Yes
Display Port	N/A
CVBS	N/A
<b>Touchscreen</b>	
Technology	N/A
Interface	N/A
Driver	Windows 7 & Windows 10
<b>Enclosure</b>	
Colors	Black
Protection	Meets IP50
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	VGA, HDMI
Storage Option	2.5" SSD
CFast	Optional
Keyboard	USB
Mouse	Pointing Device or Touch Pad
Audio	Yes
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
<b>I/O Communication</b>	
USB Port	4 x USB 2.0
Serial Port	1 x RS-232/422/485 BIOS Selectable
IEEE 1394	N/A
LAN	2 x Gigabit
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	Windows 7 & Windows 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	110VAC / 2.41A, 220VAC / 1.20A
Power Consumption (Max)	265 W
Recommended Power Supply	378 W
Heat Dissipation	903 BTU/hr
<b>Physical Information</b>	
Mounting	VESA / Optional Wall Mount Brackets
Net Weight	97 Lbs / 44.0 Kg
Dimension (W x H x D)	50.85 x 30.02 x 3.25 inch 1291.5 x 762.5 x 82.6 mm
Recommended Cutout Dimension (WxH)	N/A
IP/NEMA Rating	Meets IP50
Certification	N/A
<b>Environmental</b>	
Operating Temperature	0~40°C (32~104°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	10~95% (non-condensing)

# ARP-2215AP-G01

Panel Mount Panel PC with 15-inch 5-Wire Resistive Touch for Use in Class I, Division 2 Hazardous Locations



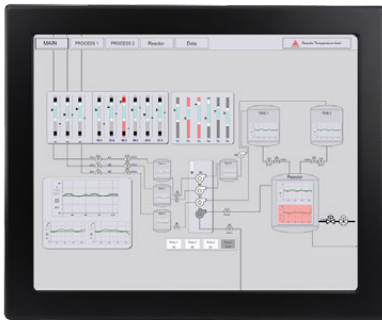
## Features

- 15" LCD, 1024 x 768 Resolution
- 5-Wire Resistive Touch
- Aluminum or Stainless-Steel Bezel
- Intel i7-3612QM CPU
- Up to 16GB DDR3 SO-DIMM
- Optional 2.5" SSD
- Dual Gigabit Ethernet
- 2 x RS-232/422/485 BIOS Selectable
- 2 x USB 3.0, 4 x USB 2.0 ports
- 24VDC Operating Voltage
- for Use in Class I, Division 2 Hazardous Locations

Specifications	ARP-2215AP-G01
<b>LCD Display</b>	
Display Size (Diagonal)	15.0 inch
Resolution	1024 x 768
Backlight Lifetime (Hours)	50,000
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	4:3
Viewing Angle (V/H)	140° / 170°
Contrast Ratio	700 : 1
Brightness	300 nits (max)
<b>Touchscreen</b>	
Technology	5 Wire Resistive
Interface	USB
Driver	Windows XP, 7, 10
<b>Front Bezel</b>	
NEMA 4	Black Powder Coated Aluminum
NEMA 4x	Stainless Steel (Optional)
<b>System</b>	
CPU	Intel i7-3612QM
Chipset	Intel QM77
Memory	Up to 16GB DDR3
Video Controller	Intel HD Graphics 4000
External Video Output	DVI / HDMI / Display Port
Storage Option	Optional 2.5" SSD
Compact Flash	N/A
Keyboard / Mouse	1 x PS / 2 connector
Audio	Line in, Line Out, Mic-In
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	1 x PCIe x16
<b>I/O Communication</b>	
USB Port	4 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232/422/485
IEEE 1394	N/A
LAN	Dual Gigabit LAN
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	Windows XP, 7, 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC / 2.60A
Power Consumption (Max)	62 W
Recommended Power Supply	90W
Heat Dissipation	211 BTU/hr
<b>Physical Information</b>	
Mounting	Panel Mount
Net Weight	19 Lbs / 8 Kg
Dimension (W x H x D)	14.51 x 11.80 x 4.57 inch 368.6 x 299.8 x 116.2 mm
Recommended Cutout Dimension (WxH)	13.75 x 11.10 inch 349.3 x 281.9 mm
IP/NEMA Rating	Bezel meets NEMA 4/4X requirements
Certification	North America Class 1 Division 2
<b>Environmental</b>	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

## ARP-2217AP-G01

Panel Mount Panel PC with 17-inch 5-Wire Resistive Touch for Use in Class I, Division 2 Hazardous Locations



### Features

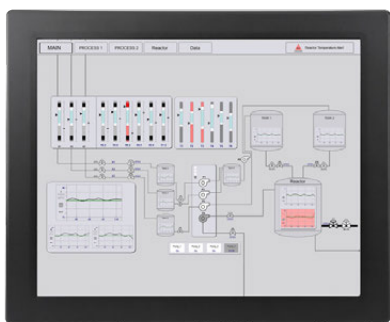
- 17" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch
- Aluminum or Stainless-Steel Bezel
- Intel i7-3612QM CPU
- Up to 16GB DDR3 SO-DIMM
- Optional 2.5" SSD
- Dual Gigabit Ethernet
- 2 x RS-232/422/485 BIOS Selectable
- 2 x USB 3.0, 4 x USB 2.0 ports
- 24VDC Operating Voltage
- for Use in Class I, Division 2 Hazardous Locations

Specifications	ARP-2217AP-G01
<b>LCD Display</b>	
Display Size	17.0 inch
Max Resolution	1280 x 1024
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	160° / 140°
Contrast Ratio	800 : 1
Brightness	350 nits
<b>Touchscreen</b>	
Technology	5 Wire Resistive
Interface	USB
Driver	Windows XP, 7, 10
<b>Front Bezel</b>	
NEMA 4	Black Powder Coated Aluminum
NEMA 4x	Stainless Steel (Optional)
<b>System</b>	
CPU	Intel i7-3612QM
Chipset	Intel QM77
Memory	Up to 16GB DDR3
Video Controller	Intel HD Graphics 4000
External Video Output	DVI / HDMI / Display Port
Storage Option	Optional 2.5" SSD
Compact Flash	N/A
Keyboard / Mouse	1 x PS / 2 connector
Audio	Line in, Line Out, Mic-In
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	1 x PCIe x16
<b>I/O Communication</b>	
USB Port	4 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232/422/485
IEEE 1394	N/A
LAN	Dual Gigabit LAN
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	Windows XP, 7, 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC / 3.00A
Power Consumption (Max)	72 W
Recommended Power Supply	120W
Heat Dissipation	250 BTU/hr
<b>Physical Information</b>	
Mounting	Panel Mount
Net Weight	21 Lbs / 9 Kg
Dimension (W x H x D)	15.88 x 13.34 x 5.71 inch 403.35 x 338.84 x 144.95 mm
Recommended Cutout Dimension (WxH)	15.07 x 12.51 inch 382.8 x 317.8 mm
IP/NEMA Rating	Meets NEMA 4X
Certification	North America Class 1 Division 2
<b>Environmental</b>	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%



## ARP-2219AP-G01

Panel Mount Panel PC with 19-inch 5-Wire Resistive Touch for Use in Class I, Division 2 Hazardous Locations



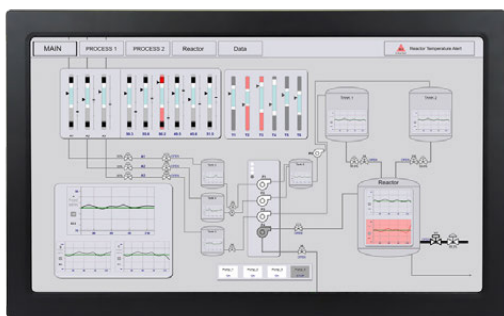
### Features

- 19" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch
- Aluminum or Stainless-Steel Bezel
- Intel i7-3612QM CPU
- Up to 16GB DDR3 SO-DIMM
- Optional 2.5" SSD
- Dual Gigabit Ethernet
- 2 x RS-232/422/485 BIOS Selectable
- 2 x USB 3.0, 4 x USB 2.0 ports
- 24VDC Operating Voltage
- for Use in Class I, Division 2 Hazardous Locations

Specifications	ARP-2219AP-G01
<b>LCD Display</b>	
Display Size	19.0 inch
Max Resolution	1280 x 1024
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	160° / 170°
Response time (Typical)	30 ms
Contrast Ratio	1000 : 1
Brightness	450 nits
<b>Touchscreen</b>	
Technology	5 Wire Resistive
Interface	USB
Driver	Windows XP, 7, 10
<b>Front Bezel</b>	
NEMA 4	Black Powder Coated Aluminum
NEMA 4x	Stainless Steel (Optional)
<b>System</b>	
CPU	Intel i7-3612QM
Chipset	Intel QM77
Memory	Up to 16GB DDR3
Video Controller	Intel HD Graphics 4000
External Video Output	DVI / HDMI / Display Port
Storage Option	Optional 2.5" SSD
Compact Flash	N/A
Keyboard / Mouse	1 x PS / 2 connector
Audio	Line in, Line Out, Mic-In
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	1 x PCIe x16
<b>I/O Communication</b>	
USB Port	4 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232/422/485
IEEE 1394	N/A
LAN	Dual Gigabit LAN
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	Windows XP, 7, 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC / 3.00A
Power Consumption (Max)	72 W
Recommended Power Supply	120W
Heat Dissipation	250 BTU/hr
<b>Physical Information</b>	
Mounting	Panel Mount
Net Weight	25 Lbs / 11 Kg
Dimension (W x H x D)	17.80 x 14.60 x 5.71 inch 452.1 x 370.8 x 145.0 mm
Recommended Cutout Dimension (WxH)	17.00 x 13.78 inch 431.8 x 350.0 mm
IP/NEMA Rating	Meets NEMA 4X
Certification	North America Class 1 Division 2
<b>Environmental</b>	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

## ARP-2221AP-G01

Panel Mount Panel PC with 21.5-inch 5-Wire Resistive Touch for Use in Class I, Division 2 Hazardous Locations



### Features

- 21.5" LCD, 1920 x 1080 Resolution
- 5-Wire Resistive Touch
- Aluminum or Stainless-Steel Bezel
- Intel i7-3612QM CPU
- Up to 16GB DDR3 SO-DIMM
- Optional 2.5" SSD
- Dual Gigabit Ethernet
- 2 x RS-232/422/485 BIOS Selectable
- 2 x USB 3.0, 4 x USB 2.0 ports
- 24VDC Operating Voltage
- for Use in Class I, Division 2 Hazardous Locations

Specifications	ARP-2221AP-G01
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000 : 1
Brightness	250 nits
<b>Touchscreen</b>	
Technology	Projected Capacitive
Interface	USB
Driver	Windows XP, 7, 10
<b>Front Bezel</b>	
NEMA 4	Black Powder Coated Aluminum
NEMA 4x	Stainless Steel (Optional)
<b>System</b>	
CPU	Intel i7-3612QM
Chipset	Intel QM77
Memory	Up to 16GB DDR3
Video Controller	Intel HD Graphics 4000
External Video Output	DVI / HDMI / Display Port
Storage Option	Optional 2.5" SSD
Compact Flash	N/A
Keyboard / Mouse	1 x PS / 2 connector
Audio	Line in, Line Out, Mic-In
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	1 x PCIe x16
<b>I/O Communication</b>	
USB Port	4 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232/422/485
IEEE 1394	N/A
LAN	Dual Gigabit LAN
Parallel	N/A
GPIO	N/A
<b>Smart Battery</b>	
External Smart Battery	N/A
<b>OS Support</b>	
OS Support	Windows XP, 7, 10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC / 3.00A
Power Consumption (Max)	72 W
Recommended Power Supply	120W
Heat Dissipation	250 BTU/hr
<b>Physical Information</b>	
Mounting	Panel Mount
Net Weight	28 Lbs / 12.7 Kg
Dimension (W x H x D)	20.98 x 12.99 x 5.78 inch 533.0 x 330.0 x 146.7 mm
Recommended Cutout Dimension (WxH)	19.92 x 12.35 inch 506.0 x 313.7 mm
IP/NEMA Rating	Meets NEMA 4X
Certification	North America Class 1 Division 2
<b>Environmental</b>	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

# ARP-3821AX

UL C1D2 and NEMA 4X / IP65 Waterproof Panel PC with 21.5-inch PCAP Touch Screen can Prevent Combustible Dust Explosion



## Features

- 21.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch
- Stainless Steel Enclosure
- Meets NEMA 4X / IP65 requirements
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3/ Up to 16GB DDR4 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- 24VDC Operating Voltage
- UL Class 1 Division 2 Explosion Proof Certification for Hazardous Locations

Specifications	ARP-3821AX	
	E01	H01
<b>LCD Display</b>		
Display Size	21.5 inch	21.5 inch
Max Resolution	1920 x 1080	1920 x 1080
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	16:9	16:9
Viewing Angle (V/H)	178° / 178°	178° / 178°
Contrast Ratio	1000 : 1	1000 : 1
Brightness	250 nits	250 nits
<b>Touchscreen</b>		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 7, Windows 10
<b>Enclosure</b>		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel 316L	Stainless Steel 316L
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	3.4 GHz i7-6600U
Chipset	Bay Trail	By CPU
Memory	Up to 8GB DDR3L SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	2.5" SSD	2.5" SSD
Compact Flash	N/A	N/A
Keyboard / Mouse	USB	USB
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0	2 x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
External Smart Battery	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.58A	24VDC / 2.2A
Power Consumption (Max)	38 W	51W
Recommended Power Supply	55 W	75W
Heat Dissipation	130 BTU/hr	174 BTU/hr
<b>Physical Information</b>		
Mounting	Pedestal, VESA, Wall mount, Benchtop	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	27 Lbs / 12.25 Kg	27 Lbs / 12.25 Kg
Dimension (W x H x D)	20.94 x 13.64 x 3.69 inch 532.0 x 346.4 x 93.7 mm	20.94 x 13.64 x 3.69 inch 532.0 x 346.4 x 93.7 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
IP/NEMA Rating	Meets NEMA 4X	Meets NEMA 4X
Certification	C1D2: UL121201, CSA 22.2	C1D2: UL121201, CSA 22.2
<b>Environmental</b>		
Operating Temperature	0~50°C (32~122°F)	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# ARP-5515AX

UL C1D2 and NEMA 4X Waterproof Panel PC with 15-inch Touch Screen can Prevent Combustible Dust Explosion



## Features

- 15" LCD, 1024 x 768 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Meets NEMA 4X requirements
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3/ Up to 16GB DDR4 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- 24VDC Operating Voltage
- UL Class 1 Division 2 Explosion Proof Certification for Hazardous Locations

Specifications	ARP-5515AX	
	E01	H01
<b>LCD Display</b>		
Display Size (Diagonal)	15.0 inch	15.0 inch
Resolution	1024 x 768	1024 x 768
Backlight Lifetime (Hours)	50,000	50,000
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	4:3	4:3
Viewing Angle (V/H)	140° / 170°	140° / 170°
Contrast Ratio	700 : 1	700 : 1
Brightness	300 nits (max)	300 nits (max)
<b>Touchscreen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7 & Windows 10	Windows 7 & Windows 10
<b>Enclosure</b>		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel	Stainless Steel
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U
Chipset	Bay Trail	By CPU
Memory	Up to 8GB DDR3L SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	Optional 2.5" SSD	Optional 2.5" SSD
Compact Flash	N/A	N/A
Keyboard / Mouse	USB	USB
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0	2 x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
External Smart Battery	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.17A	24VDC / 1.7A
Power Consumption (Max)	28 W	40W
Recommended Power Supply	40 W	60W
Heat Dissipation	96 BTU/hr	136 BTU/hr
<b>Physical Information</b>		
Mounting	Pedestal, VESA, Wall and Ceiling mount, Benchtop	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	32 Lbs / 14.52 kg	32 Lbs / 14.52 Kg
Dimension (W x H x D)	14.51 x 12.42 x 4.09 inch 368.6 x 315.5 x 103.9 mm	14.51 x 12.42 x 4.09 inch 368.6 x 315.5 x 103.9 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
IP/NEMA Rating	Meets NEMA 4X	Meets NEMA 4X
Certification	C1D2: UL121201, CSA 22.2	C1D2: UL121201, CSA 22.2
<b>Environmental</b>		
Operating Temperature	0~50°C (32~122°F)	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# ARP-5517AX

UL C1D2 and NEMA 4X Waterproof Panel PC with 17-inch Touch Screen can Prevent Combustible Dust Explosion



## Features

- 17" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Meets NEMA 4X requirements
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3/ Up to 16GB DDR4 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- 24VDC Operating Voltage
- UL Class 1 Division 2 Explosion Proof Certification for Hazardous Locations

Specifications	ARP-5517AX	
	E01	H01
<b>LCD Display</b>		
Display Size	17.0 inch	17.0 inch
Max Resolution	1280 x 1024	1280 x 1024
Backlight Lifetime	50,000 hours	50,000 hours
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	5:4	5:4
Viewing Angle (V/H)	160° / 140°	160° / 140°
Contrast Ratio	800 : 1	800 : 1
Brightness	350 nits (max)	350 nits (max)
<b>Touchscreen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7 & Windows 10	Windows 7 & Windows 10
<b>Enclosure</b>		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel	Stainless Steel
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U
Chipset	Bay Trail	By CPU
Memory	Up to 8GB DDR3L SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	Optional 2.5" SSD	Optional 2.5" SSD
Compact Flash	N/A	N/A
Keyboard / Mouse	USB	USB
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0	2 x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
External Smart Battery	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.25A	24VDC / 2.2A
Power Consumption (Max)	30 W	51W
Recommended Power Supply	43 W	75W
Heat Dissipation	103 BTU/hr	174 BTU/hr
<b>Physical Information</b>		
Mounting	Pedestal, VESA, Wall and Ceiling mount, Benchtop	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	34 Lbs / 15.42 Kg	34 Lbs / 15.42 Kg
Dimension (W x H x D)	15.88 x 14.07 x 4.36 inch 403.4 x 357.4 x 110.7 mm	15.88 x 14.07 x 4.36 inch 403.4 x 357.4 x 110.7 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
IP/NEMA Rating	Meets NEMA 4X	Meets NEMA 4X
Certification	C1D2: UL121201, CSA 22.2	C1D2: UL121201, CSA 22.2
<b>Environmental</b>		
Operating Temperature	0~50°C (32~122°F)	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# ARP-5519AX

UL C1D2 and NEMA 4X Waterproof Panel PC with 19-inch Touch Screen can Prevent Combustible Dust Explosion



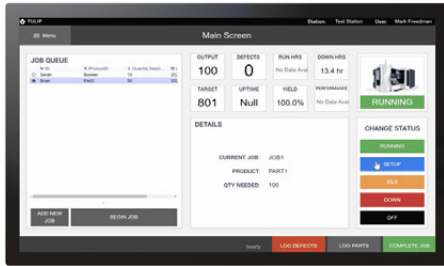
## Features

- 19" LCD, 1280 x 1024 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Meets NEMA 4X requirements
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3/ Up to 16GB DDR4 SO-DIMM
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- 24VDC Operating Voltage
- UL Class 1 Division 2 Explosion Proof Certification for Hazardous Locations

Specifications	ARP-5519AX	
	E01	H01
<b>LCD Display</b>		
Display Size	19.0 inch	19.0 inch
Max Resolution	1280 x 1024	1280 x 1024
Backlight Lifetime	50,000	50,000
<b>Visual Characteristics</b>		
Colors	16.7 million	16.7 million
Aspect Ratio	5:4	5:4
Viewing Angle (V/H)	160° / 170°	160° / 170°
Response time (Typical)	30 ms	30 ms
Pixel Pitch (mm)	0.294 x 0.294	0.294 x 0.294
Contrast Ratio	1000 : 1	1000 : 1
Brightness	450 nits (max)	450 nits (max)
<b>Touchscreen</b>		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7 & Windows 10	Windows 7 & Windows 10
<b>Enclosure</b>		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel	Stainless Steel
<b>System</b>		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U
Chipset	Bay Trail	By CPU
Memory	Up to 8GB DDR3L SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
External Video Output	N/A	N/A
Storage Option	Optional 2.5" SSD	Optional 2.5" SSD
Compact Flash	N/A	N/A
Keyboard / Mouse	USB	USB
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE	N/A
Expansion Slot	N/A	N/A
<b>I/O Communication</b>		
USB Port	2 x USB 2.0	2 x USB 2.0
Serial Port	N/A	N/A
IEEE 1394	N/A	N/A
LAN	1 x Gigabit	1 x Gigabit
Parallel	N/A	N/A
GPIO	N/A	N/A
<b>Smart Battery</b>		
External Smart Battery	N/A	N/A
<b>OS Support</b>		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
<b>Power/Thermal Specs</b>		
Power Requirement (Max)	24VDC / 1.25A	24VDC / 2.2A
Power Consumption (Max)	30 W	51W
Recommended Power Supply	43 W	75W
Heat Dissipation	103 BTU/hr	174 BTU/hr
<b>Physical Information</b>		
Mounting	Pedestal, VESA, Wall and Ceiling mount, Benchtop	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	35 Lbs / 15.88 Kg	35 Lbs / 15.88 Kg
Dimension (W x H x D)	17.80 x 15.19 x 4.40 inch 452.1 x 385.8 x 111.8 mm	17.80 x 15.19 x 4.40 inch 452.1 x 385.8 x 111.8 mm
Recommended Cutout Dimension (WxH)	N/A	N/A
IP/NEMA Rating	Meets NEMA 4X	Meets NEMA 4X
Certification	C1D2: UL121201, CSA 22.2	C1D2: UL121201, CSA 22.2
<b>Environmental</b>		
Operating Temperature	0~50°C (32~122°F)	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

# ADM-2155BP

55-inch VESA Mount Projected Capacitive Touch Display



## Features

- 55" LCD, 1920 x 1080 Resolution
- Flush Bezel Design
- Projected Capacitive Touch
- USB Touch Interface
- VGA / DVI / HDMI Input
- Available HDMI 100 meters extender option
- Enclosure meets NEMA IP50 requirements
- VESA Mount, Optional Wall Mount Bracket
- 110~220VAC Input

Specifications	ADM-2155BP
<b>LCD Display</b>	
Display Size	55"
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	1073.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	4000:1
Brightness	500 nits
<b>Input Interface</b>	
VGA	Yes *Not available with Extender
DVI	Yes *Not available with Extender
HDMI	Yes
Display Port	N/A
CVBS	N/A
YPbPr	N/A
<b>Touchscreen</b>	
Technology	Projected Capacitive
Interface	USB
Driver	Win 7, Win10
<b>Enclosure</b>	
Type	Metallic Housing
Color	Black
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	110VAC / 2.41A, 220VAC / 1.20A
Power Consumption (Max)	265 W
Recommended Power Supply	N/A
Heat Dissipation	903 BTU/hr
<b>Physical Information</b>	
Mounting	VESA Mount
Net Weight	97 Lbs / 44.0 Kg
Dimension (W x H x D)	50.85 x 30.02 x 3.25 inch 1291.5 x 762.5 x 82.6 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets IP50
Certification	N/A
<b>Environmental</b>	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	5% to 95% non-condensing

# ADM-2121AX

Waterproof 21.5-inch KVM Extender Integrated LCD Display Monitor



## Features

- 21.5-inch LCD Display, 1920 x 1080 resolutions
- Project Capacitive Touch Screen supports multi-touch
- Waterproof Stainless-Steel Enclosure
- Enclosure meets IP65 / NEMA 4X requirements
- Single CAT6 cable connection to KVM Transmitter
- Powered by Transmitter
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 1-port 100BaseT Ethernet pass-through

Specifications	ADM-2121AX
<b>LCD Display</b>	
Display Size	21.5"
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness	250 nits
<b>Input Interface</b>	
VGA	N/A
DVI	N/A
HDMI	Via HDMI Transmitter
Display Port	N/A
CVBS	N/A
YPbPr	N/A
<b>Touchscreen</b>	
Technology	Projected Capacitive
Interface	USB
Driver	Win 7, Win10
<b>Enclosure</b>	
Enclosure	Stainless Steel
Protection	Meets NEMA 4X
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered By HDMI Transmitter
Power Consumption (Max)	23 W
Recommended Power Supply	32 W
Heat Dissipation	77 BTU/hr
<b>Physical Information</b>	
Mounting	Pedestal, VESA, Wall mount, Benchtap Options
Net Weight	--
Dimension (W x H x D)	21.15 x 12.98 x 3.69 inch 537.2 x 329.8 x 93.7 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	5% to 95% non-condensing





## ADM-5815AX

Waterproof 15-inch KVM Extender Integrated LCD Display Monitor

### Features

- 15-inch LCD Display, 1024 x 768 resolutions
- 5-Wire Resistive Touch Screen
- Waterproof Stainless-Steel Enclosure
- Enclosure meets IP65 / NEMA 4X requirements

#### Integrated VGA & RS-232 Extender Option:

- Video signal transmission length up to 1,000 ft (330m) over CAT5e cable
- Adjustable equalization and gain control
- De-skew compensation available for RGB delay control
- 24VDC Input

#### Integrated HDMI & USB Extender Option:

- Single CAT6 cable connection to KVM Transmitter
- True one-cable solution up to 100 meters CAT6 cable, no power supply is required
- Powered by Transmitter
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 1-port 100BaseT Ethernet pass-through

Specifications	ADM-5815AX
<b>LCD Display</b>	
Display Size	15"
Max Resolution	1024 x 768
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	140° / 160°
Contrast Ratio	700:1
Brightness	300 nits
<b>Input Interface</b>	
VGA	Via VGA Transmitter
DVI	N/A
HDMI	Via HDMI Transmitter
Display Port	N/A
CVBS	N/A
YPbPr	N/A
<b>Touchscreen</b>	
Technology	5-Wire Resistive
Interface	RS-232 Via VGA Transmitter / USB Via HDMI Transmitter
Driver	Win XP, Win 7, Win10
<b>Enclosure</b>	
Color	Stainless Steel
Protection	Meets NEMA 4X
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC / 0.44A
Power Consumption (Max)	11 W
Recommended Power Supply	15 W
Heat Dissipation	36 BTU/hr
<b>Physical Information</b>	
Mounting	Multiple Mount Options
Net Weight	27 Lbs/ 12.24 kg
Dimension (W x H x D)	14.51 x 12.42 x 4.09 inch 368.6 x 315.5 x 103.9 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets NEMA 4X
Certification	UL508
<b>Environmental</b>	
Operating Temperature	0 to 50°C (32 to 122°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
Humidity	5% to 95% non-condensing



## ADM-5817AX

Waterproof 17-inch KVM Extender Integrated LCD Display Monitor

### Features

- 17-inch LCD Display, 1280 x 1024 resolutions
- 5-Wire Resistive Touch Screen
- Waterproof Stainless-Steel Enclosure
- Enclosure meets IP65 / NEMA 4X requirements

#### Integrated VGA & RS-232 Extender Option:

- Video signal transmission length up to 1,000 ft (330m) over CAT5e cable
- Adjustable equalization and gain control
- De-skew compensation available for RGB delay control
- 24VDC Input

#### Integrated HDMI & USB Extender Option:

- Single CAT6 cable connection to KVM Transmitter
- True one-cable solution up to 100 meters CAT6 cable, no power supply is required
- Powered by Transmitter
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 1-port 100BaseT Ethernet pass-through

Specifications	ADM-5817AX
<b>LCD Display</b>	
Display Size	17"
Max Resolution	1280 x 1024
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	140° / 160°
Contrast Ratio	800:1
Brightness	350 nits
<b>Input Interface</b>	
VGA	Via VGA Transmitter
DVI	N/A
HDMI	Via HDMI Transmitter
Display Port	N/A
CVBS	N/A
YPbPr	N/A
<b>Touchscreen</b>	
Technology	5-Wire Resistive
Interface	RS-232 Via VGA Transmitter / USB Via HDMI Transmitter
Driver	Win XP, Win 7, Win10
<b>Enclosure</b>	
Color	Stainless Steel
Protection	Meets NEMA 4X
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC / 0.53A
Power Consumption (Max)	13 W
Recommended Power Supply	18 W
Heat Dissipation	43 BTU/hr
<b>Physical Information</b>	
Mounting	Multiple Mount Options
Net Weight	29 Lbs / 13.15 Kg
Dimension (W x H x D)	15.88 x 14.07 x 4.36 inch 403.4 x 357.4 x 110.7 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets NEMA 4X
Certification	UL508
<b>Environmental</b>	
Operating Temperature	0 to 50°C (32 to 122°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
Humidity	5% to 95% non-condensing



## ADM-5819AX

Waterproof 19-inch KVM Extender Integrated LCD Display Monitor

### Features

- 19-inch LCD Display, 1280 x 1024 resolutions
- 5-Wire Resistive Touch Screen
- Waterproof Stainless-Steel Enclosure
- Enclosure meets IP65 / NEMA 4X requirements

#### Integrated VGA & RS-232 Extender Option:

- Video signal transmission length up to 1,000 ft (330m) over CAT5e cable
- Adjustable equalization and gain control
- De-skew compensation available for RGB delay control
- 24VDC Input

#### Integrated HDMI & USB Extender Option:

- Single CAT6 cable connection to KVM Transmitter
- True one-cable solution up to 100 meters CAT6 cable, no power supply is required
- Powered by Transmitter
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 1-port 100BaseT Ethernet pass-through

Specifications	ADM-5819AX
<b>LCD Display</b>	
Display Size	19"
Max Resolution	1280 x 1024
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	160° / 170°
Contrast Ratio	1000:1
Brightness	450 nits
<b>Input Interface</b>	
VGA	Via VGA Transmitter
DVI	N/A
HDMI	Via HDMI Transmitter
Display Port	N/A
CVBS	N/A
YPbPr	N/A
<b>Touchscreen</b>	
Technology	5-Wire Resistive
Interface	RS-232 Via VGA Transmitter / USB Via HDMI Transmitter
Driver	Win XP, Win 7, Win10
<b>Enclosure</b>	
Color	Stainless Steel
Protection	Meets NEMA 4X
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC / 0.53A
Power Consumption (Max)	13 W
Recommended Power Supply	18 W
Heat Dissipation	43 BTU/hr
<b>Physical Information</b>	
Mounting	Multiple Mount Options
Net Weight	32 Lbs / 14.51 Kg
Dimension (W x H x D)	17.80 x 15.19 x 4.40 inch 452.1 x 385.8 x 111.8 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets NEMA 4X
Certification	UL508
<b>Environmental</b>	
Operating Temperature	0 to 50°C (32 to 122°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
Humidity	5% to 95% non-condensing



## ADM-5842AX

Waterproof 42-inch KVM Extender Integrated LCD Display Monitor

### Features

- 42-inch LCD Display, 1920 x 1080 resolutions
- 5-Wire Resistive Touch Screen
- Waterproof Stainless-Steel Enclosure
- Enclosure meets IP65 / NEMA 4X requirements

#### Integrated VGA & RS-232 Extender Option:

- Video signal transmission length up to 1,000 ft (330m) over CAT5e cable
- Adjustable equalization and gain control
- De-skew compensation available for RGB delay control
- 24VDC Input

#### Integrated HDMI & USB Extender Option:

- Single CAT6 cable connection to KVM Transmitter
- True one-cable solution up to 100 meters CAT6 cable
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 1-port 100BaseT Ethernet pass-through
- 24VDC Input

Specifications	ADM-5842AX
<b>LCD Display</b>	
Display Size	42"
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	1073 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	4000:1
Brightness	500 nits
<b>Input Interface</b>	
VGA	Via VGA Transmitter
DVI	N/A
HDMI	Via HDMI Transmitter
Display Port	N/A
CVBS	N/A
YPbPr	N/A
<b>Touchscreen</b>	
Technology	Infrared
Interface	RS-232 Via VGA Transmitter / USB Via HDMI Transmitter
Driver	Win XP, Win 7, Win10
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC / 6.83A
Power Consumption (Max)	164 W
Recommended Power Supply	234 W
Heat Dissipation	559 BTU/hr
<b>Physical Information</b>	
Mounting	VESA Mount / Wall Mount
Net Weight	110 Lbs/ 50 kg
Dimension (W x H x D)	42.87 x 27.29 x 5.38 inch 1089.0 x 693.05 x 136.1 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets NEMA 4X
Certification	UL508
<b>Environmental</b>	
Operating Temperature	0 to 50°C (32 to 122°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
Humidity	0% to 95% non-condensing

# ARD-1007-A00-RX

4K HDMI, USB Decoder / Receiver

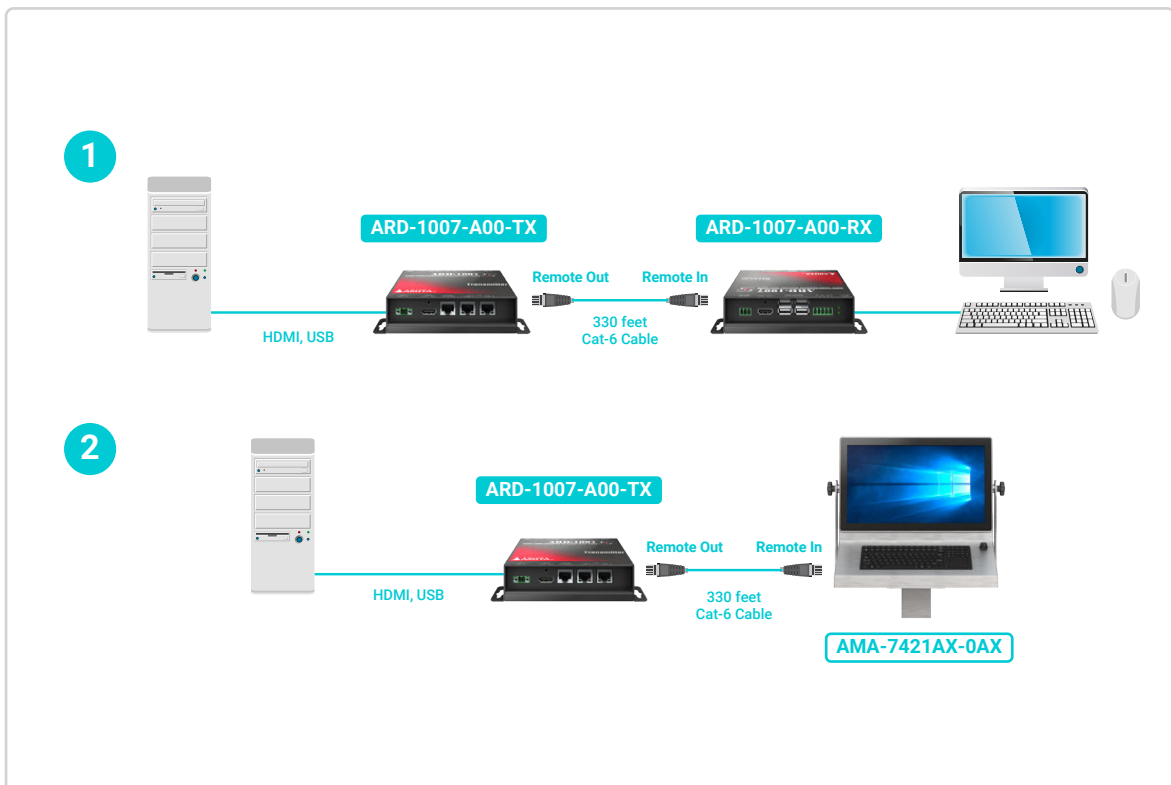


## Features

- True one cable 330 feet extension solution
- Decodes HDMI, USB, 10/100 LAN, RS-232, IR signals
- Powered by Transmitter, does not require external power supply
- Provides 12VDC/1A power source

Specifications	ARD-1007-A00-RX
<b>Technical</b>	
Role of Usage	Decoder / Receiver (RX)
Video Resolution	Up to 3840 x 2160
Extension Media	Cat5e/Cat6 cable up to 330 feet
Decoding Signals	HDMI, USB, RS-232, IR, 10/100 Ethernet, Power
<b>I/O Communication</b>	
Input	1 x RJ45 Remote IN (From PSE)
HDMI Out	HDMI female
RS-232	Terminal Block 3 Pin (Tx, Rx, GND)
USB	4x USB Type A
Ethernet Hub	2 x 10/100 LAN
IR	Terminal Block 5-pin
12V DC Output Terminal	12V / 1A Output
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power supply	Powered by Transmitter over CAT 5e/6 cable
<b>Environmental</b>	
Operation Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

## Connection Diagram



# ARD-1007-A00-TX

4K HDMI, USB Encoder / Transmitter

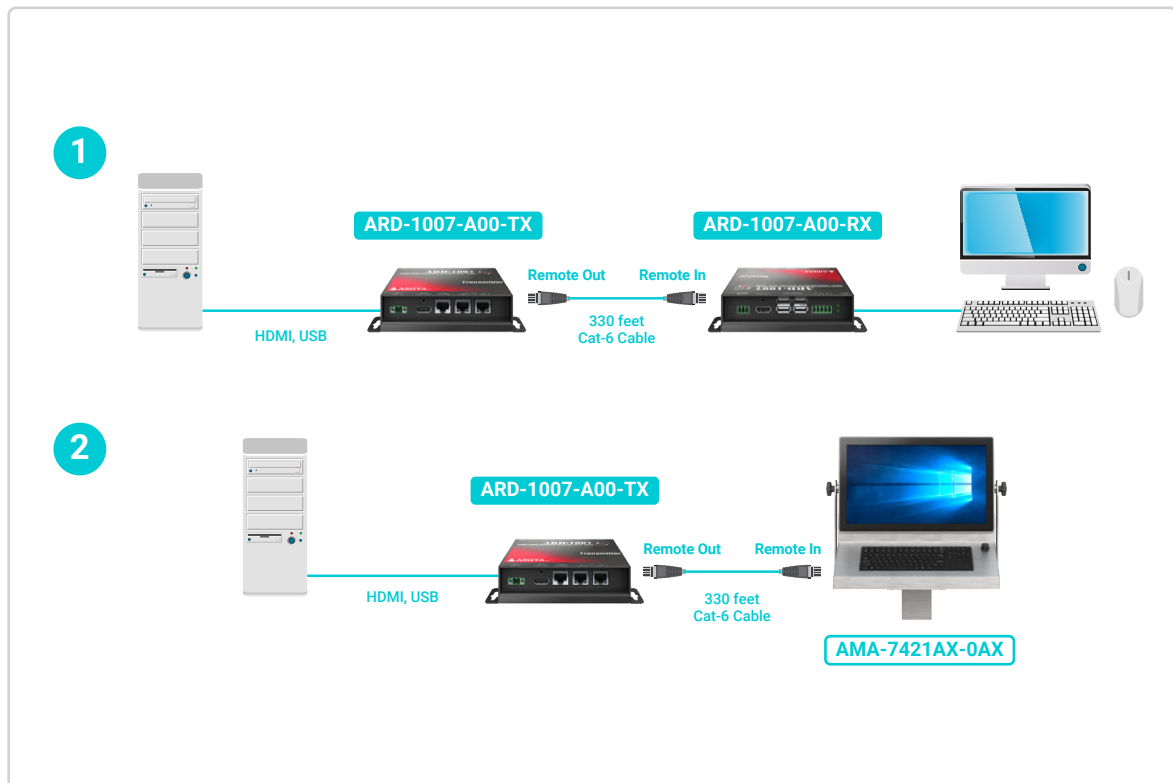


## Features

- True one cable 330 feet extension solution
- Encodes HDMI, USB, 10/100 LAN, RS-232, IR signals
- Power Source Equipment provides power to receiver

Specifications	ARD-1007-A00-TX
<b>Technical</b>	
Role of Usage	Transmitter (TX)
Video resolution	Up to 3840 x 2160
Extension Media	Cat5e/Cat6 cable
Encoding Signals	HDMI, USB, RS-232, IR, 10/100 Ethernet, Power
<b>Input /Output</b>	
HDMI In	HDMI female
HDMI Loop-Back	HDMI female
RS-232	Terminal Block 3 Pin (Tx, Rx, GND)
USB	1x USB Type B
Ethernet Hub	2 x 10/100 LAN
IR	Terminal Block 5-pin
Transmitter Output	RJ-45
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power supply	48V DC input
<b>Environmental</b>	
Operation Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

## Connection Diagram





# ARD-0301-A00-TX

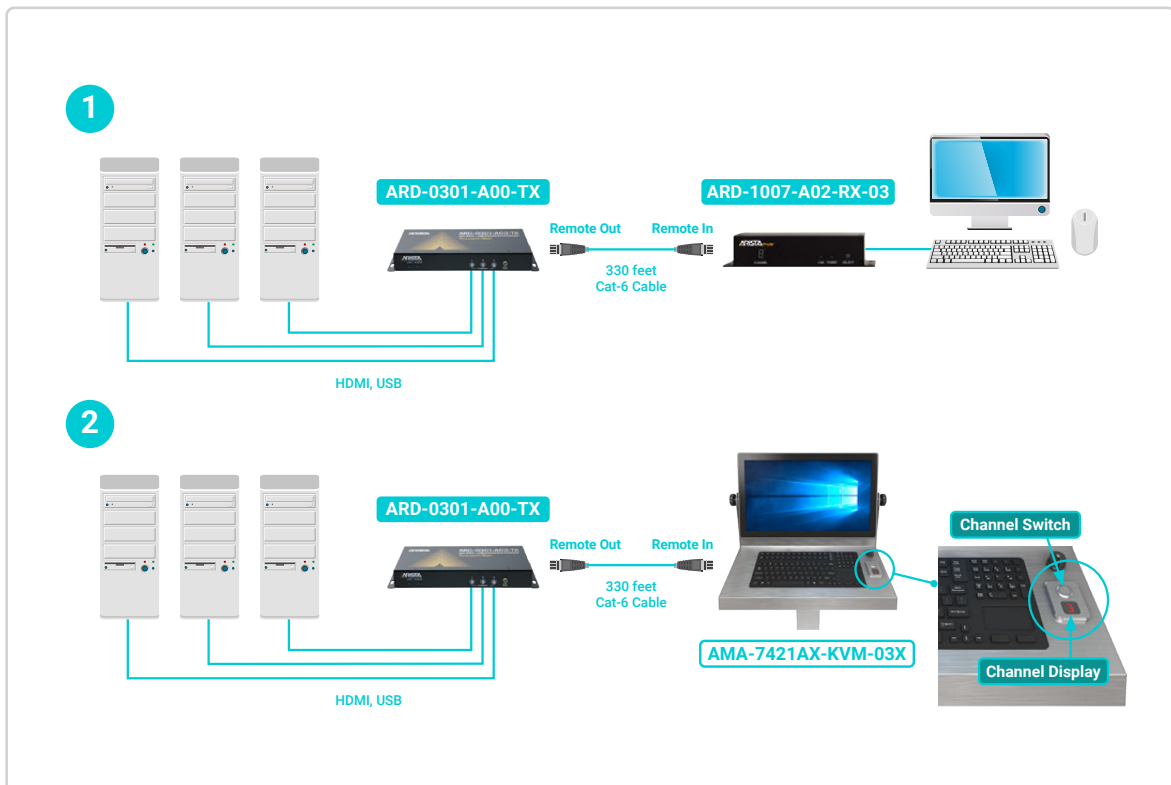
3 to 1 KVM Switch Transmitter

## Features

- True one cable 330 feet extension solution
- Encodes 3 to 1 HDMI, USB signals
- Power Source Equipment provides power to receiver

Specifications	ARD-0301-A00-TX
<b>Technical</b>	
Role of Usage	3 to 1 KVM Switch Transmitter (TX)
Video resolution	Up to 3840 x 2160
Extension Media	Cat5e/Cat6 cable
Encoding Signals	HDMI, USB
<b>Input /Output</b>	
HDMI In	3x HDMI female
USB	3x USB Type B
Transmitter Output	RJ-45
<b>Physical Information</b>	
Mounting	Wall mount
Dimension (W x H x D)	9.75 x 1.37 x 3.65 inch 247.6 x 34.9 x 92.8 mm
<b>Power/Thermal Specs</b>	
Power supply	48V DC input
<b>Environmental</b>	
Operation Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

## Connection Diagram



# ARD-0401-A00-TX

4 to 1 KVM Switch Transmitter

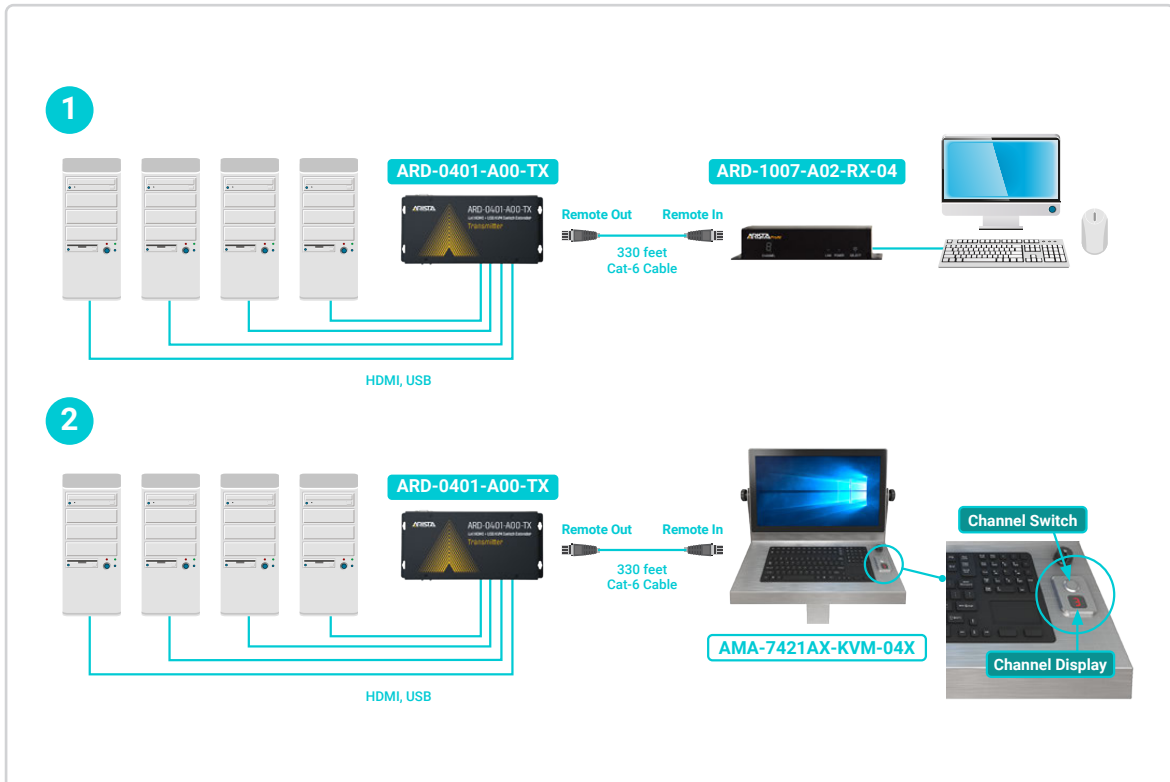


## Features

- True one cable 330 feet extension solution
- Encodes 4 to 1 HDMI, USB signals
- Power Source Equipment provides power to receiver

Specifications	ARD-0401-A00-TX
<b>Technical</b>	
Role of Usage	4 to 1 KVM Switch Transmitter (TX)
Video resolution	Up to 3840 x 2160
Extension Media	Cat5e/Cat6 cable
Encoding Signals	HDMI, USB
<b>Input /Output</b>	
HDMI In	4x HDMI female
USB	4x USB Type B
Transmitter Output	RJ-45
<b>Physical Information</b>	
Mounting	Wall mount
Dimension (W x H x D)	9.97 x 1.77 x 3.65 inch 253.1 x 45 x 92.8 mm
<b>Power/Thermal Specs</b>	
Power supply	48V DC input
<b>Environmental</b>	
Operation Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

## Connection Diagram







# ARD-1007-A02-RX

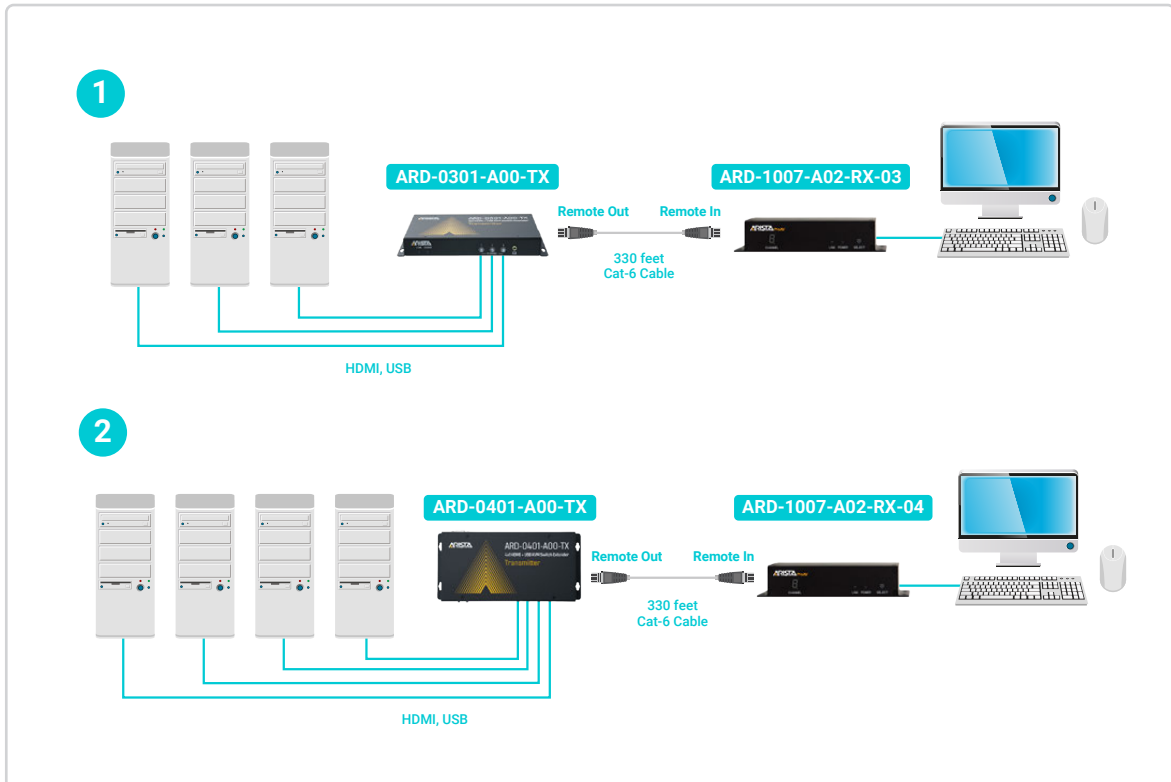
HDMI, USB KVM Switch Extension Receiver

## Features

- True one cable 330 feet extension solution
- Decodes 3 to 1 / 4 TO 1 HDMI, USB KVM Switch Signals
- Powered by Transmitter, does not require external power supply

Specifications	ARD-1007-A02-RX
<b>Technical</b>	
Role of Usage	KVM Switch Receiver (RX)
Video Resolution	Up to 3840 x 2160
Extension Media	Cat5e/Cat6 cable up to 330 feet
Decoding Signals	HDMI, USB
<b>I/O Communication</b>	
Input	1 x RJ45 Remote IN (From PSE)
HDMI Out	HDMI female
USB	4x USB Type A
<b>Physical Information</b>	
Mounting	Wall Mount
Dimension (W x H x D)	6.70 x 1.32 x 4.51 inch 170.1 x 33.5 x 114.6 mm
<b>Power/Thermal Specs</b>	
Power supply	Powered by Transmitter over CAT 5e/6 cable
<b>Environmental</b>	
Operation Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

## Connection Diagram



## AMA-2121AX-KVM

Wall Mount Waterproof KVM Extender Integrated 21.5 inch LCD Operator Station. True one-cable solution up to 100 meters CAT6 cable, no power supply is required



### Features

- 21.5-inch HFD LCD Display
- 1920 x 1080 Resolutions
- Projected Capacitive Touch Screen
- NEMA 4X / Waterproof Stainless-Steel Enclosure
- Single CAT6 cable connection to KVM Transmitter
- True one-cable solution up to 100 meters CAT6 cable
- No Power Supply is required
- Accessible Waterproof USB Ports Available
- Built-in a 1-port 100BaseT Ethernet pass-through
- 3x Keyboard and Pointing Device options
- Left and Right Mouse Tray

Specifications	AMA-2121AX-KVM
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness (max)	250 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
USB Device Ports	2x
Pass Through Network	1x 10/100 MB Ethernet
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	Wall Mount (Mounting Brackets Included)
Net Weight	--
Dimension (W x H x D)	37.57 x 20.78 x 10.49 inch 532 x 954.4 x 266.53 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets IP66, NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	0 to 95%
Enclosure Materials	SS 316L
<b>KVM Transmitter (Shipped with AMA-2121AX-KVM)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	Network Pass Through to AMA-2121AX-KVM
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including AMA-2121AX)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr

## AMA-7421AX-KVM

21.5-inch Remote KVM Workstation up to a 330 feet single CAT6 cable connection to the computer



AMA-7421AX-0AC

AMA-7421AX-KVM-03C

### Features

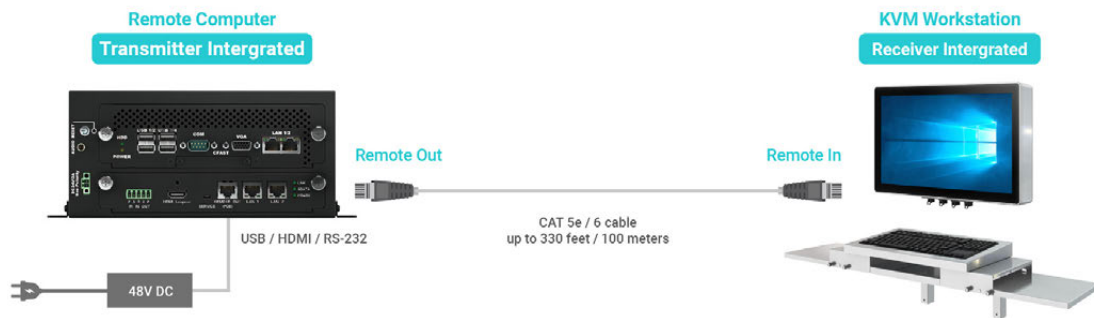
- 21.5-inch HFD LCD Display
- 1920 x 1080 Resolutions
- Projected Capacitive Touch Screen
- NEMA 4X / Waterproof Stainless-Steel Enclosure
- Single CAT6 cable connection to KVM Transmitter
- True one-cable solution up to 100 meters CAT6 cable
- No Power Supply is required
- Accessible Waterproof USB Ports Available
- 3x Keyboard Options
- HDMI & USB Extender is included
- 3 to 1 / 4 to 1 KVM Switch Extender Options

Specifications	AMA-7421AX-KVM
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness (max)	250 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
Keyboard	Membrane or Silicon Rubber Keyboard
Mouse	Pointing Device or Touch Pad
USB Device Ports	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	Pedestal Mount (Included)
Net Weight	20 Lbs/9.07 kg
Dimension (W x H x D)	24.57 x 59.69 x 13.58 inch 624 x 1516.3 x 344.89 mm
Rating	Meets IP66, NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 - 50°C (32 - 122°F)
Storage Temperature	-20 - 60°C (-4 - 140°F)
Relative Humidity	5% to 95% non-condensing
Enclosure Materials	SS 316L
<b>KVM Transmitter (Shipped with AMA-7421AX-KVM)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 (No Function)
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including AMA-7421AX)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr

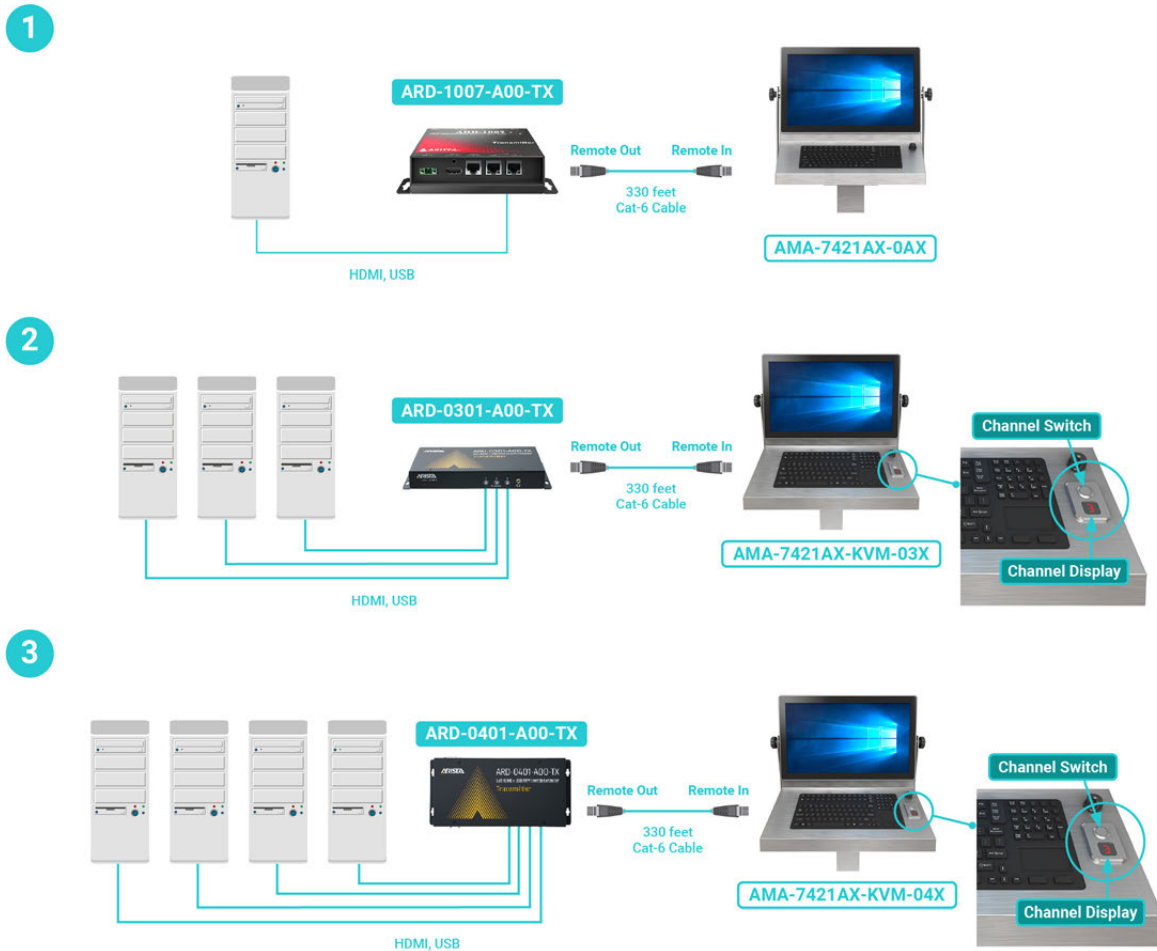
## Connection Diagram of KVM Workstation

ARISTA's DIN Rail and 1U Rack Mount remote computers with an integrated transmitter can save space and bring HDMI, USB signals to remote locations up to 330 feet. ARISTA's remote touch displays and workstations are designed to meet IP50 and IP66 environmental protection requirements. The use of ARISTA's remote computers along with remote touch displays and workstations can meet space-saving requirements in limited space electrical enclosures or limited space control room, at the same time, touch displays or workstations need to be located at remote locations in harsh environments.

### Remote Computer+ KVM Workstation Architecture



### Transmitter + KVM Workstation Architecture



## ADM-1819AP-00A/00E

Panel Mount KVM Extender Integrated 19-inch LCD Touch Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required



### Features

- 19-inch LCD Display, 1280 x 1024 resolutions
- 5-Wire Resistive Touch Screen
- Powder Coated Aluminum or Stainless-Steel Bezel
- Bezel meets IP66 / NEMA 4X requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices
- Built-in a 2-port 100BaseT Ethernet pass-through hub
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-1819AP 00A/00E
<b>LCD Display</b>	
Display Size	19 inch
Max Resolution	1280 x 1024
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	160° / 170°
Contrast Ratio	700:1
Brightness (max)	450 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	5-Wire Resistive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	Panel Mount
Net Weight	17 Lbs / 7.71 kg
Dimension (W x H x D)	17.80 x 14.60 x 2.39(*3.72) inch 452.1 x 370.8 x 60.7(*94.5) mm (*depth including power adaptor)
Recommended Cutout Dimension (WxH)	17.00 x 13.81 inch 432.0 x 351 mm
Rating	Bezel meets NEMA 4 / NEMA 4X requirements
Certification	CE, UL 508
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	5% to 95% non-condensing
<b>KVM Transmitter (Shipped with ADM-1819AP-00A/00E)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 (No Function)
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including AMA-7421AX)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr

## ADM-1821AP-00A/00E

Panel Mount KVM Extender Integrated 21.5-inch LCD Touch Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required



### Features

- 21.5-inch LCD Display, 1920 x 1080 resolutions
- 5-Wire Resistive Touch Screen
- Powder Coated Aluminum or Stainless-Steel Bezel
- Bezel meets IP66/ NEMA 4X requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices
- Built-in a 2-port 100BaseT Ethernet pass-through hub
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-1821AP 00A/00E
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness (max)	250 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	5-Wire Resistive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	Panel Mount
Net Weight	20 Lbs / 9.07 kg
Dimension (W x H x D)	20.98 x 12.99 x 2.07 inch 533.0 x 330.0 x 52.7 mm
Recommended Cutout Dimension (WxH)	19.92 x 12.35 inch 506.0 x 313.7 mm
Rating	Bezel meets NEMA 4 / NEMA 4X requirements
Certification	CE, UL 508
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32 to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	5% to 95% non-condensing
<b>KVM Transmitter (Shipped with ADM-1821AP-00A/00E)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 (No Function)
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including AMA-7421AX)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr

## ADM-2119AP-00A/00E

Panel Mount KVM Extender Integrated 19-inch LCD Touch Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required



### Features

- 19 inch LCD Display, 1280 x 1024 resolutions
- Projected Capacitive Touch Screen
- Aluminum or Stainless-Steel Bezel
- Bezel meets IP66 / NEMA 4X requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices
- Built-in a 2-port 100BaseT Ethernet pass-through hub
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-2119AP 00A/00E
<b>LCD Display</b>	
Display Size	19 inch
Max Resolution	1280 x 1024
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	160° / 170°
Contrast Ratio	700:1
Brightness (max)	450 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	Panel Mount
Net Weight	15 Lbs / 6.80 Kg
Dimension (W x H x D)	16.85 x 13.90 x 2.12 inch 428.0 x 353.0 x 53.9 mm
Recommended Cutout Dimension (WxH)	16.20 x 13.25 inch 411.4 x 336.4 mm
Rating	Bezel meets NEMA 4 / NEMA 4X requirements
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	0~95%
<b>KVM Transmitter (Shipped with ADM-2119AP-00A/00E)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 (No Function)
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including AMA-7421AX)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr

## ADM-2121AP-00A/00E

Panel Mount KVM Extender Integrated 21.5 inch LCD Touch Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required



### Features

- 21.5 inch LCD Display, 1920 x 1080 resolutions
- Projected Capacitive Touch Screen
- Aluminum or Stainless-Steel Bezel
- Bezel meets IP66 / NEMA 4X requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices
- Built-in a 2-port 100BaseT Ethernet pass-through hub
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-2121AP 00A/00E
<b>LCD Display</b>	
Display Size	21.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness (max)	250 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	Panel Mount
Net Weight	--
Dimension (W x H x D)	20.91 x 12.94 x 2.01 inch 531.0 x 328.8 x 50.95 mm
Recommended Cutout Dimension (WxH)	20.09 x 12.13 inch 510.2 x 308.0 mm
Rating	Bezel meets NEMA 4 / NEMA 4X requirements
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	0~95%
<b>KVM Transmitter (Shipped with ADM-2121AP-00A/00E)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 (No Function)
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including AMA-7421AX)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr



## ADM-2116BP-00A

VESA Mount 15.6-inch KVM Extender Integrated LCD Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required

ADM-2116BP-001



### Features

- 15.6-inch LCD Display, 1920 x 1080 resolutions
- Projected Capacitive Touch Screen
- Black Color Powder Coated Enclosure
- Enclosure meets IP50 requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 2-port 100BaseT Ethernet pass-through hub
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-2116BP-00A
<b>LCD Display</b>	
Display Size	15.6"
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	140° / 160°
Contrast Ratio	700:1
Brightness (max)	400 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	19W
Recommended Power Supply	Not Required
Heat Dissipation	65 BTU/hr
<b>Physical Information</b>	
Mounting	VESA Mount
Net Weight	--
Dimension (W x H x D)	15.48 x 9.34 x 3.01 inch 393.3 x 237.3 x 76.5mm
Recommended Cutout Dimension (WxH)	8.07 x 5.71 x 1.50 inch 205 x 145.1 x 38 mm
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	5% to 95% non-condensing
<b>Enclosure</b>	
Enclosure	Black Color Powder Coated Enclosure
Rating	Meets IP50
Certification	N/A
<b>KVM Transmitter (Shipped with ADM-2116BP-00A)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	Network Pass Through
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	26W (Including ADM-2116BP)
Recommended Power Supply	Included
Heat Dissipation	89 BTU/hr

## ADM-2118BP-00A

VESA Mount 18.5 inch KVM Extender Integrated LCD Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required.



### Features

- 18.5 inch LCD Display, 1920 x 1080 resolutions
- Projected Capacitive Touch Screen
- Black Color Enclosure
- Enclosure meets IP50 requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 2-port 100BaseT Ethernet pass-through hub
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-2118BP-00A
<b>LCD Display</b>	
Display Size	18.5"
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	179° / 179°
Contrast Ratio	1000:1
Brightness (max)	350 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	19W
Recommended Power Supply	Not Required
Heat Dissipation	65 BTU/hr
<b>Physical Information</b>	
Mounting	VESA Mount
Net Weight	--
Dimension (W x H x D)	17.60 x 10.93 x 3.01 inch 447.1 x 277.7 x 76.5 mm
Recommended Cutout Dimension (WxH)	--
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	5% to 95% non-condensing
<b>Enclosure</b>	
Enclosure	Black Color Powder Coated Enclosure
Rating	Meets IP50
Certification	N/A
<b>KVM Transmitter (Shipped with ADM-2118BP-00A)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	Network Pass Through
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	26W (Including ADM-2116BP)
Recommended Power Supply	Included
Heat Dissipation	89 BTU/hr

## ADM-2121BP-00A

VESA Mount KVM Extender Integrated 21.5 inch LCD Touch Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required.



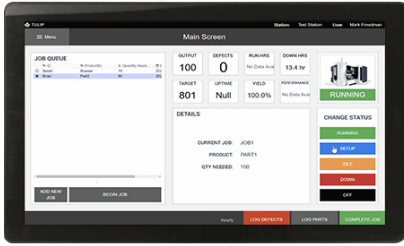
### Features

- 21.5 inch LCD Display, 1920 x 1080 resolutions
- Projected Capacitive Touch Screen
- Black Color Enclosure
- Enclosure meets IP50 requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 2-port 100BaseT Ethernet pass-through hub
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-2121BP-00A
<b>LCD Display</b>	
Display Size	21.5"
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness (max)	250 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	VESA Mount
Net Weight	17.90 Lbs / 8.12 Kg
Dimension (W x H x D)	20.88 x 12.92 x 3.01 inch 530.3 x 328.1 x 76.5 mm
Recommended Cutout Dimension (WxH)	8.07 x 5.51 x 1.5 inch 205 x 140 x 38.1 mm
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	5% to 95% non-condensing
<b>Enclosure</b>	
Enclosure	Black Color Powder Coated Enclosure
Rating	Meets IP50
Certification	N/A
<b>KVM Transmitter (Shipped with ADM-2121BP-00A)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	Network Pass Through
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including AMA-7421AX)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr

# ADM-2132BP-00A

VESA Mount KVM Extender Integrated 32-inch LCD Touch Display Monitor



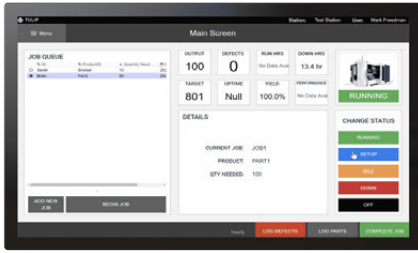
## Features

- 32-inch LCD Display, 1920 x 1080 resolutions
- Projected Capacitive Touch Screen
- Black Color Enclosure
- Enclosure meets IP50 requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 2-port 100BaseT Ethernet pass-through hub
- Single CAT6 cable connection to KVM Transmitter

Specifications	ADM-2132BP-00A
<b>LCD Display</b>	
Display Size	32 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	3000:1
Brightness (max)	450 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	110VAC / 0.80A, 220VAC / 0.40A
Power Consumption (Max)	66W
Recommended Power Supply	Not Required
Heat Dissipation	225 BTU/hr
<b>Physical Information</b>	
Mounting	VESA Mount
Net Weight	--
Dimension (W x H x D)	30.13 x 18.11 x 2.91 inch 765.3 x 459.9 x 73.8 mm
Recommended Cutout Dimension (WxH)	--
<b>Environmental</b>	
Operation Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	5% to 95% non-condensing
<b>Enclosure</b>	
Enclosure	Black Color Powder Coated Enclosure
Rating	Meets IP50
Certification	N/A
<b>KVM Transmitter (Shipped with ADM-2132BP-00A)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	Network Pass Through
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	7W
Recommended Power Supply	Included
Heat Dissipation	24 BTU/hr

# ADM-2155BP-00A

VESA Mount KVM Extender Integrated 55 inch LCD Touch Display Monitor



## Features

- 55 inch LCD Display, 1920 x 1080 resolutions
- Projected Capacitive Touch Screen
- Black Color Enclosure
- Enclosure meets IP50 requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 2-port 100BaseT Ethernet pass-through hub
- Single CAT6 cable connection to KVM Transmitter

Specifications	ADM-2155BP-00A
<b>LCD Display</b>	
Display Size	55 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	4000:1
Brightness (max)	500 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	2x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	110VAC/3.20A, 220VAC/1.60A
Power Consumption (Max)	345W
Recommended Power Supply	Not Required
Heat Dissipation	1,177 BTU/hr
<b>Physical Information</b>	
Mounting	VESA Mount
Net Weight	90 Lbs/ 41Kgs
Dimension (W x H x D)	50.85 x 30.02 x 3.25 inch 1291.5 x 762.5 x 82.6 mm
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	5% to 95% non-condensing
<b>Enclosure</b>	
Enclosure	Black Color Powder Coated Enclosure
Rating	Meets IP50
Certification	N/A
<b>KVM Transmitter (Shipped with ADM-2155BP-00A)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, RS-232, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	Network Pass Through
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	7W
Recommended Power Supply	Included
Heat Dissipation	24 BTU/hr

## ADM-2121AX-00A

Waterproof KVM Extender Integrated 21.5 inch LCD Touch Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required



### Features

- 21.5 inch LCD Display, 1920 x 1080 resolutions
- Projected Capacitive Touch Screen
- Waterproof Stainless-Steel Enclosure
- Enclosure meets IP66 / NEMA 4X requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 1-port 100BaseT Ethernet pass-through
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-2121AX-00A
<b>LCD Display</b>	
Display Size	21.5"
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000:1
Brightness (max)	250 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Projected Capacitive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	1x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	Multiple Mounting Options
Net Weight	20 Lbs/ 9.07 kg
Dimension (W x H x D)	20.94 x 12.98 x 3.96 inch 532 x 329.8 x 39.77 mm
Rating	Meets IP66, NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	0% to 95%
Enclosure Materials	SS 316L
<b>KVM Transmitter (Shipped with ADM-2121AX-00A)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 Network Pass Through
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including ADM-2121AX-00A)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr

## ADM-5815AX-00A

Waterproof KVM Extender Integrated 15 inch LCD Touch Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required



### Features

- 15-inch LCD Display, 1024 x 768 resolutions
- 5-Wire Resistive Touch Screen
- Waterproof Stainless-Steel Enclosure
- Enclosure meets IP66 / NEMA 4X requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 1-port 100BaseT Ethernet pass-through
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-5815AX-00A
<b>LCD Display</b>	
Display Size	15"
Max Resolution	1024 x 768
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	4:3
Viewing Angle (V/H)	140° / 160°
Contrast Ratio	700:1
Brightness (max)	300 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	5-Wire Resistive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	1x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	11 W
Recommended Power Supply	Not Required
Heat Dissipation	36 BTU/hr
<b>Physical Information</b>	
Mounting	Multiple Mounting Options
Net Weight	27 Lbs/ 12.24 kg
Dimension (W x H x D)	14.51 x 11.8 x 4.09 inch 368.0 x 299.8 x 104.0 mm
Rating	Meets IP66, NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	0% to 95%
Enclosure Materials	SS 304
<b>KVM Transmitter (Shipped with ADM-5815AX-00A)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 Network Pass Through
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	18W (Including ADM-5815AX-00A)
Recommended Power Supply	Included
Heat Dissipation	61 BTU/hr

## ADM-5817AX-00A

Waterproof KVM Extender Integrated 17 inch LCD Touch Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required.



### Features

- 17 inch LCD Display, 1280 x 1024 resolutions
- 5-Wire Resistive Touch Screen
- Waterproof Stainless-Steel Enclosure
- Enclosure meets IP66 / NEMA 4X requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 1-port 100BaseT Ethernet pass-through
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-5817AX-00A
<b>LCD Display</b>	
Display Size	17"
Max Resolution	1280 x 1024
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	140° / 160°
Contrast Ratio	800:1
Brightness (max)	350 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	5-Wire Resistive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	1x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	13 W
Recommended Power Supply	Not Required
Heat Dissipation	43 BTU/hr
<b>Physical Information</b>	
Mounting	Multiple Mounting Options
Net Weight	29 Lbs / 13.15 Kg
Dimension (W x H x D)	15.88 x 13.46 x 4.36 inch 403.3 x 341.8 x 110.8 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets IP66, NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	0% to 95%
Enclosure Materials	SS 304
<b>KVM Transmitter (Shipped with ADM-5817AX-00A)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 Network Pass Through
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	20W (Including ADM-5817AX-00A)
Recommended Power Supply	Included
Heat Dissipation	68 BTU/hr



## ADM-5819AX-00A

Waterproof KVM Extender Integrated 19 inch LCD Touch Display Monitor. True one-cable solution up to 100 meters CAT6 cable, no power supply is required.



### Features

- 19 inch LCD Display, 1280 x 1024 resolutions
- 5-Wire Resistive Touch Screen
- Waterproof Stainless-Steel Enclosure
- Enclosure meets IP66 / NEMA 4X requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 1-port 100BaseT Ethernet pass-through
- Single CAT6 cable connection to KVM Transmitter
- No Power Supply is required

Specifications	ADM-5819AX-00A
<b>LCD Display</b>	
Display Size	19"
Max Resolution	1280 x 1024
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	5:4
Viewing Angle (V/H)	160° / 170°
Contrast Ratio	1000:1
Brightness (max)	450 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	5-Wire Resistive
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	1x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	Powered by Transmitter
Power Consumption (Max)	21 W
Recommended Power Supply	Not Required
Heat Dissipation	70 BTU/hr
<b>Physical Information</b>	
Mounting	Multiple Mounting Options
Net Weight	32 Lbs / 14.51 Kg
Dimension (W x H x D)	17.80 x 14.60 x 4.40 inch 452.1 x 370.8 x 111.8 mm
Recommended Cutout Dimension (WxH)	N/A
Rating	Meets IP66, NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	0% to 95%
Enclosure Materials	SS 304
<b>KVM Transmitter (Shipped with ADM-5819AX-00A)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, Ethernet, Power
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 Network Pass Through
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	28W (Including AMA-7421AX)
Recommended Power Supply	Included
Heat Dissipation	96 BTU/hr

# ADM-5842AX-00A

Waterproof KVM Extender Integrated 42 inch LCD Touch Display Monitor



## Features

- 42 inch LCD Display, 1920 x 1080 resolutions
- IR Touch Screen
- Waterproof Stainless-Steel Enclosure
- Enclosure meets IP66 / NEMA 4X requirements
- Built-in a 2-port USB 2.0 hub to support multiple USB devices.
- Built-in a 1-port 100BaseT Ethernet pass-through
- Single CAT6 cable connection to KVM Transmitter
- 24VDC Operating Voltage

Specifications	ADM-5842AX-00A
<b>LCD Display</b>	
Display Size	42 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
<b>Visual Characteristics</b>	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	160° / 170°
Contrast Ratio	4000:1
Brightness (max)	500 nits
Video Input	HDMI via Transmitter
<b>Touchscreen</b>	
Technology	Infrared
Touch Interface	USB via Transmitter
Driver	Windows 7, Windows 10
<b>I/O</b>	
USB Device Ports	2x
Network Pass Through	1x
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	24VDC/6.83A
Power Consumption (Max)	164 W
Recommended Power Supply	234 W
Heat Dissipation	559 BTU/hr
<b>Physical Information</b>	
Mounting	VESA mount, Wall Mount Mounting Option
Net Weight	110 Lbs/ 50 kg
Dimension (W x H x D)	42.87 x 26.85 x 3.35 inch 1089.0 x 682.0 x 85.1 mm
Rating	Meets IP66, NEMA 4X
Certification	N/A
<b>Environmental</b>	
Operation Temperature	0 to 50°C (32° to 122°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	0% to 95%
Enclosure Materials	SS 304
<b>KVM Transmitter (Shipped with ADM-5842AX-00A)</b>	
Extension Media	RJ-45 Cat5e/Cat6 cable
Extension signal	Video, USB, Ethernet
Video Input	HDMI (Connect to Video Source)
USB	Type-B (Connector to Computer)
RS-232	DB-9 (No Function)
LAN 1 & 2	RJ45 (No Function)
HDMI Loop-Back	For Local Display
<b>Physical Information</b>	
Mounting	Wall mount or DIN-RAIL mount
Dimension (W x H x D)	6.19 x 1.45 x 4.04 inch 157.2 x 36.8 x 102.6 mm
<b>Power/Thermal Specs</b>	
Power Requirement (Max)	48V DC Input
Power Consumption (Max)	7W
Recommended Power Supply	Included
Heat Dissipation	24 BTU/hr

# MicroBox-1200A

Rack Mount / Wall Mount Extender / Computer

## Features



- Computer and KVM extender all in one unit
- Extends the computer's HDMI video, RS-232, USB signals to a remote location
- Eliminates cables connection between transmitter and computer for quick deployment of event controller
- A swappable modular design providing maximum flexibility of configuration to fit highly dynamic event requirements
- Swappable modular design to obtain minimum maintenance and upgrade efforts requirement
- A transmitter supports PoE to power the receiver unit at a remote location

Specifications	MicroBox-1200A
<b>System</b>	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	(By CPU)
Memory	up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Graphics
Storage Option	2.5" SSD
Remote Boot	ThinManager Ready, PXE
<b>Local I/O Communication</b>	
Video Output	HDMI Loopout, VGA (2nd Display)
USB Port	4 x USB 2.0 (Local), 4-port USB Hub (Remote)
Serial Port	1x RS-232 Local, 1x RS-232 Remote
LAN	2 x Gigabit (Local) or 1x Gigabit (Local)+2x 10/100 Hub (Remote)
<b>OS Support</b>	
OS Support	Windows 10
<b>Receiver I/O Communication</b>	
Video Output	HDMI
USB Port	4-port USB Hub
Serial Port	1x RS-232
LAN	2-port 10/100 Ethernet Hub
<b>Power / Thermal Specs</b>	
Power Requirement (Max)	24VDC@4.2A
Power Consumption (Max)	90W
Heat Dissipation	307BTU/hr
<b>Physical Information</b>	
Mounting	Wall Mount / DIN-Rail Mount
Net Weight	6.6 Lbs / 2.99 kgs
Dimension (W x H x D)	9.80 x 4.02 x 5.37 inch 249.0 x 102.0 x 136.4 mm
Certification	N/A
<b>Environmental</b>	
Operating Temperature	0-50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

# RS-123-E01-A07

Rack Mount / Wall Mount Extender / Computer

## Features



- Standard 1RU height, 7" in depth 19" rack mount
- Computer and KVM extender all in one unit
- Extends computer's HDMI video, RS-232, USB signals to remote location
- Eliminates cables connection between transmitter and computer for quick deployment of event controller
- Swappable modular design providing maximum flexibility of configuration to fit highly dynamic event requirements
- Swappable modular design to obtain minimum maintenance and upgrade efforts requirement
- A transmitter supports PoE to power the receiver unit at remote location
- Computer module is equipped with Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU, up to 8GB DDR-3 memory

Model Name		RS-123-E01-A07	
PRODUCT SPECIFICATIONS			
Plug-in Slot	A	B	
Role of Usage	Transmitter (TX)	Computer	
RS-123-E01-A07	ARD-1006-A07-TX	MicroBox-1100A-E01	
RS-123-E01-A31	ARD-1006-A31-TX	MicroBox-1100A-E01	
RS-123-E01-B31	ARD-1006-B31-TX	MicroBox-1100A-E01	
Video resolution	Up to 3840 x 2160		
Transmission	Cat5e/Cat6 cable   Fiber		
Extension signal	Video, Audio, remote control, touch control, keyboard/mouse, Ethernet, Power		
RS-232 Signal Type	Full-duplex & baud rate		
Input video signal	1.2 Volts [peak-to-peak]		
Loop-Back	1 x HDMI Loop-Back at TX		
ESD Protection	[1] Human body model – ±15kV [air-gap discharge] and ±8kV [contact discharge] [2] Core chipset – ±8kV		
PCB Stack-up	6-layer board [impedance control – differential 100Ω; single 50Ω]		
I/O Communication			
Input	1 x HDMI 2.0, 1 x USB 1 x RS-232, 1 x IR, 1 x 48V DC	1 x Remote IN (PSE)	
Output	1 x Local out (PSE), 1 x HDMI 2.0	1 x HDMI 2.0, 1 x RS-232 4 x USB, 1 x IR	
Ethernet Hub	2 x LAN		
HDMI connector	HDMI female		
RS-232 connector	DB-9		
Keyboard and mouse connector	USB Type A		
USB connector	USB Type A (RS-121-31-RX), USB Type B (RS-121-31-TX)		
Physical Information			
Mounting	Wall Mount or Rack Mount		
Dimension (W x H x D)	18.87x 1.73 x 6.96 inch 479.3 x 44.0 x 176.7 mm Rack Mount		
Power / Thermal Specs			
Power supply	12V DC Power input		
Environmental			
Operating Temperature	0~50°C (32~122°F)		
Storage Temperature	-20~60°C (-4~140°F)		
Relative Humidity	0~95%		



# KB-115C-AX

Industrial Waterproof Rubber Keyboard 104 Key with Touchpad

## Features

- Industrial Waterproof Rubber Keyboard
- 104 Key with Touch Pad
- USB
- IP68
- Bench Top


Specifications	KB-115C-AX
Key	104 Key with Touch Pad
Supply Voltage	5V DC +/- 5%
Current Rating	30mA
Interface	USB
Cable Length	2.5m
Operating Temp	-20~60°C (-4~140°F)
Storage Temp	-30~70°C (-22~158°F)
Operating RH	100%
Protection Level	IP68
MTBF	>50000H
Net Weight	8 Lbs / 4 Kg
Dimension (W x H x D)	16.54 x 1.83 x 7.98 inch 420.0 x 46.5 x 202.7 mm
Mounting	Bench Top

Specifications			
Item	QTY	Description	PIC
XWM-KB-115-01	1	Wall Mount Bracket	
XWM-KB-115-02	1	Wall Mount Bracket	



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