



Waterproof Panel PCs

Datasheet Collection

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Industrial Panel PCs

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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

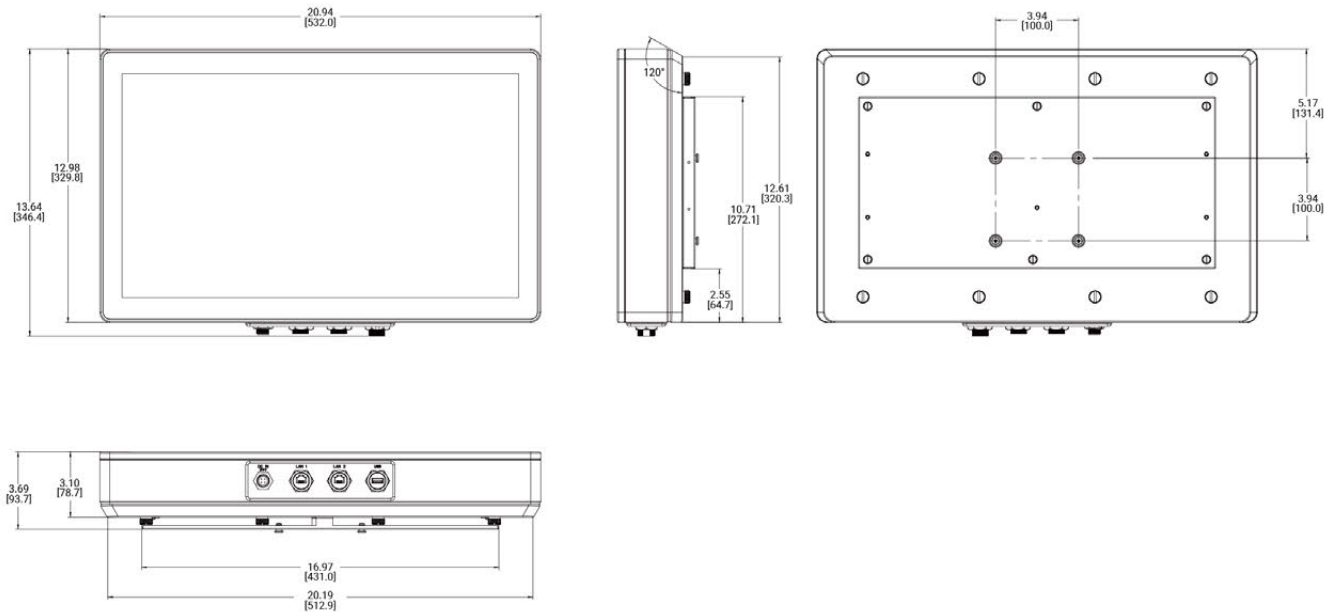
Specifications

Model Name	ARP-3821AX	
	E01	H01
LCD Display		
Display Size	21.5 inch	21.5 inch
Max Resolution	1920 x 1080	1920 x 1080
Backlight Lifetime	50,000 hours	50,000 hours
Visual Characteristics		
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
Touchscreen		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 7, Windows 10
Enclosure		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel 316L	Stainless Steel 316L
System		
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
I/O Communication		
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
Smart Battery		
External Smart Battery	N/A	N/A
OS Support		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
Power/Thermal Specs		
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
Physical Information		
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	UL60950	UL60950
Environmental		
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%

Dimension Drawing

Model Name: ARP-3821AX

Size Unit: inch(mm)



Ordering Information

Item	ARP-3821AX-E01-006	
LCD Display	21.5" LCD / 1920 x 1080	
Touch Screen	Projected Capacitive	
Enclosure	Stainless Steel	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	
Memory	4GB DDR3	
Storage	N/A	
Remote Boot	ThinManager Ready	
Power Supply	24VDC INPUT	

Item	ARP-3821AX-H01-034-700	ARP-3821AX-H01-035-700
LCD Display	21.5" LCD / 1920 x 1080	21.5" LCD / 1920 x 1080
Touch Screen	Projected Capacitive	Projected Capacitive
Enclosure	Stainless Steel	Stainless Steel
CPU	Intel 2.6/3.4 GHz i7-6600U	Intel 2.6/3.4 GHz i7-6600U
Memory	16GB DDR4	16GB DDR4
Storage	2.5" SSD	2.5" SSD
Remote Boot	N/A	N/A
Power Supply	24VDC INPUT	DIN-Rail Power Supply



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

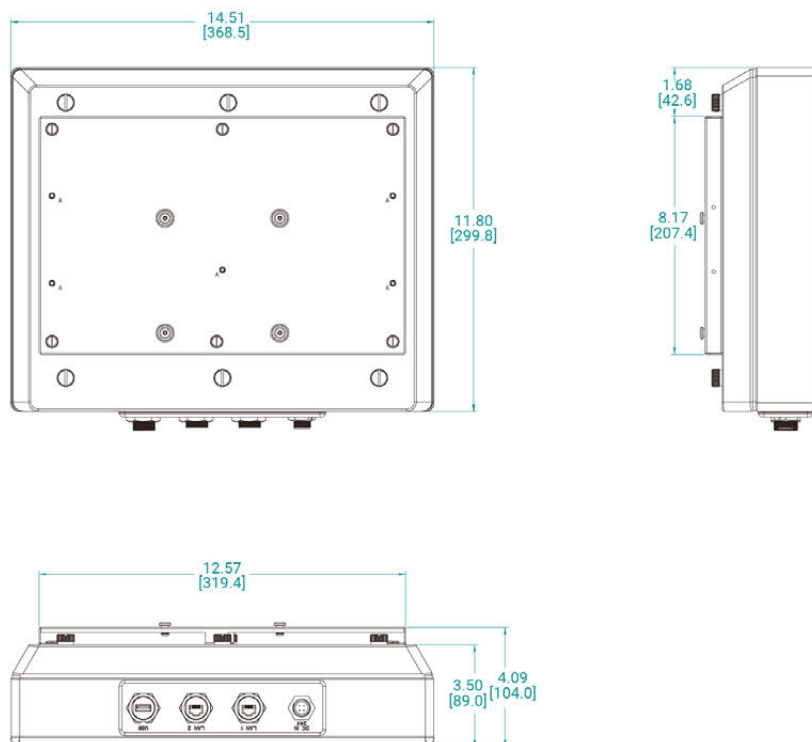
Specifications

Model Name	ARP-5515AX	
	E01	H01
LCD Display		
Display Size (Diagonal)	15.0 inch	15.0 inch
Resolution	1024 x 768	1024 x 768
Backlight Lifetime (Hours)	50,000	50,000
Visual Characteristics		
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)
Touchscreen		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 7, Windows 10
Enclosure		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel	Stainless Steel
System		
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
I/O Communication		
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
Smart Battery		
External Smart Battery	N/A	N/A
OS Support		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
Power/Thermal Specs		
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
Physical Information		
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	14.51 x 12.42 x 4.09 inch
	368.6 x 315.5 x 103.9 mm	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
Environmental		
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%

Dimension Drawing

Model Name: ARP-5515AX

Size Unit: inch(mm)



Ordering Information

Item	ARP-5515AX-E01-006
LCD Display	15.0" LCD / 1024 x 768
Touch Screen	5-Wire
Enclosure	Stainless Steel
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Memory	4GB DDR3
Storage	N/A
Remote Boot	ThinManager Ready
Power Supply	24VDC INPUT

Item	ARP-5515AX-H01-034-700	ARP-5515AX-H01-035-700
LCD Display	15.0" LCD / 1024 x 768	15.0" LCD / 1024 x 768
Touch Screen	5-Wire	5-Wire
Enclosure	Stainless Steel	Stainless Steel
CPU	Intel 2.6/3.4 GHz i7-6600U	Intel 2.6/3.4 GHz i7-6600U
Memory	16GB DDR4	16GB DDR4
Storage	2.5" SATA SSD	2.5" SATA SSD
Remote Boot	N/A	N/A
Power Supply	24VDC INPUT	DIN-Rail Power Supply



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

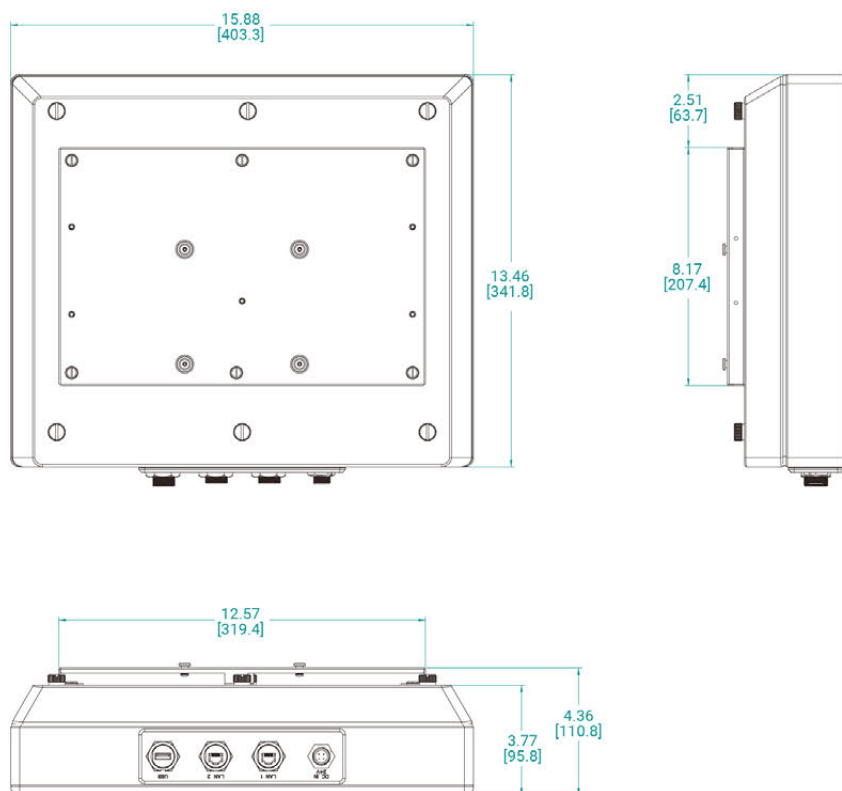
Specifications

Model Name	ARP-5517AX	
	E01	H01
LCD Display		
Display Size	17.0 inch	17.0 inch
Max Resolution	1280 x 1024	1280 x 1024
Backlight Lifetime	50,000 hours	50,000
Visual Characteristics		
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)
Touchscreen		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 7, Windows 10
Enclosure		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel	Stainless Steel
System		
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
I/O Communication		
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
Smart Battery		
External Smart Battery	N/A	N/A
OS Support		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
Power/Thermal Specs		
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
Physical Information		
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
Environmental		
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%

Dimension Drawing

Model Name: ARP-5517AX

Size Unit: inch(mm)



Ordering Information

Item	ARP-5517AX-E01-006
LCD Display	17.0" LCD / 1280 x 1024
Touch Screen	5-Wire
Enclosure	Stainless Steel
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Memory	4GB DDR3
Storage	N/A
Remote Boot	ThinManager Ready
Power Supply	24VDC INPUT

Item	ARP-5517AX-H01-034-700	ARP-5517AX-H01-035-700
LCD Display	17.0" LCD / 1280 x 1024	17.0" LCD / 1280 x 1024
Touch Screen	5-Wire	5-Wire
Enclosure	Stainless Steel	Stainless Steel
CPU	Intel 2.6/3.4 GHz i7-6600U	Intel 2.6/3.4 GHz i7-6600U
Memory	16GB DDR4	16GB DDR4
Storage	2.5" SATA SSD	2.5" SATA SSD
Remote Boot	N/A	N/A
Power Supply	24VDC INPUT	DIN-Rail Power Supply



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

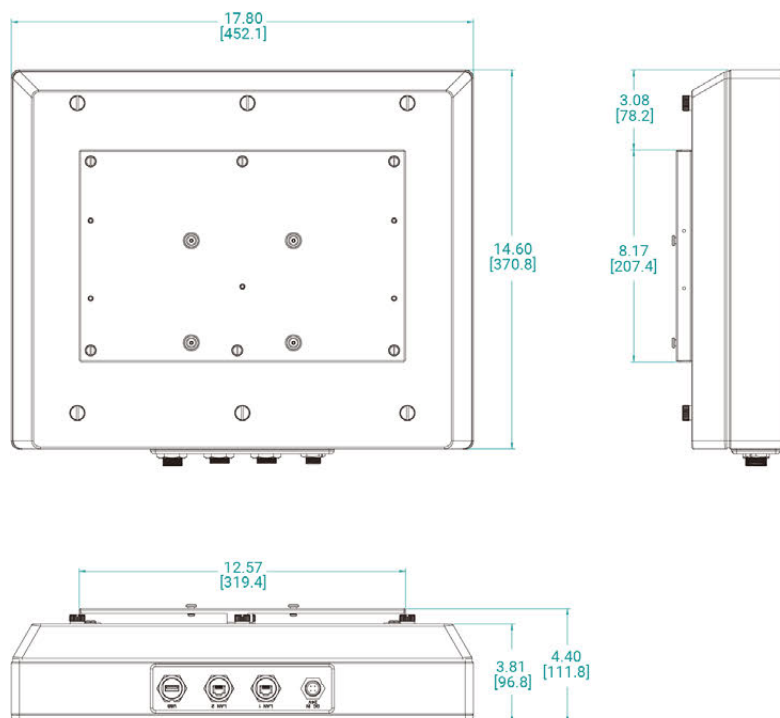
Specifications

Model Name	ARP-5519AX	
	E01	H01
LCD Display		
Display Size	19.0 inch	19.0 inch
Max Resolution	1280 x 1024	1280 x 1024
Backlight Lifetime	50,000 hours	50,000
Visual Characteristics		
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)
Touchscreen		
Technology	5 Wire Resistive	5 Wire Resistive
Interface	USB	USB
Driver	Windows 7, Windows 10	Windows 7, Windows 10
Enclosure		
NEMA 4	N/A	N/A
NEMA 4x	Stainless Steel	Stainless Steel
System		
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
I/O Communication		
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
Smart Battery		
External Smart Battery	N/A	N/A
OS Support		
OS Support	Windows 7, Windows 10	Windows 7, Windows 10
Power/Thermal Specs		
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
Physical Information		
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
Environmental		
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%

Dimension Drawing

Model Name: ARP-5519AX

Size Unit: inch(mm)



Ordering Information

Item	ARP-5519AX-E01-006
LCD Display	19.0" LCD / 1280 x 1024
Touch Screen	5-Wire
Enclosure	Stainless Steel
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Memory	4GB DDR3
Storage	N/A
Remote Boot	ThinManager Ready
Power Supply	24VDC INPUT

Item	ARP-5519AX-H01-034-700	ARP-5519AX-H01-035-700
LCD Display	19.0" LCD / 1280 x 1024	19.0" LCD / 1280 x 1024
Touch Screen	5-Wire	5-Wire
Enclosure	Stainless Steel	Stainless Steel
CPU	Intel 2.6/3.4 GHz i7-6600U	Intel 2.6/3.4 GHz i7-6600U
Memory	16GB DDR4	16GB DDR4
Storage	2.5" SATA SSD	2.5" SATA SSD
Remote Boot	N/A	N/A
Power Supply	24VDC INPUT	DIN-Rail Power Supply



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

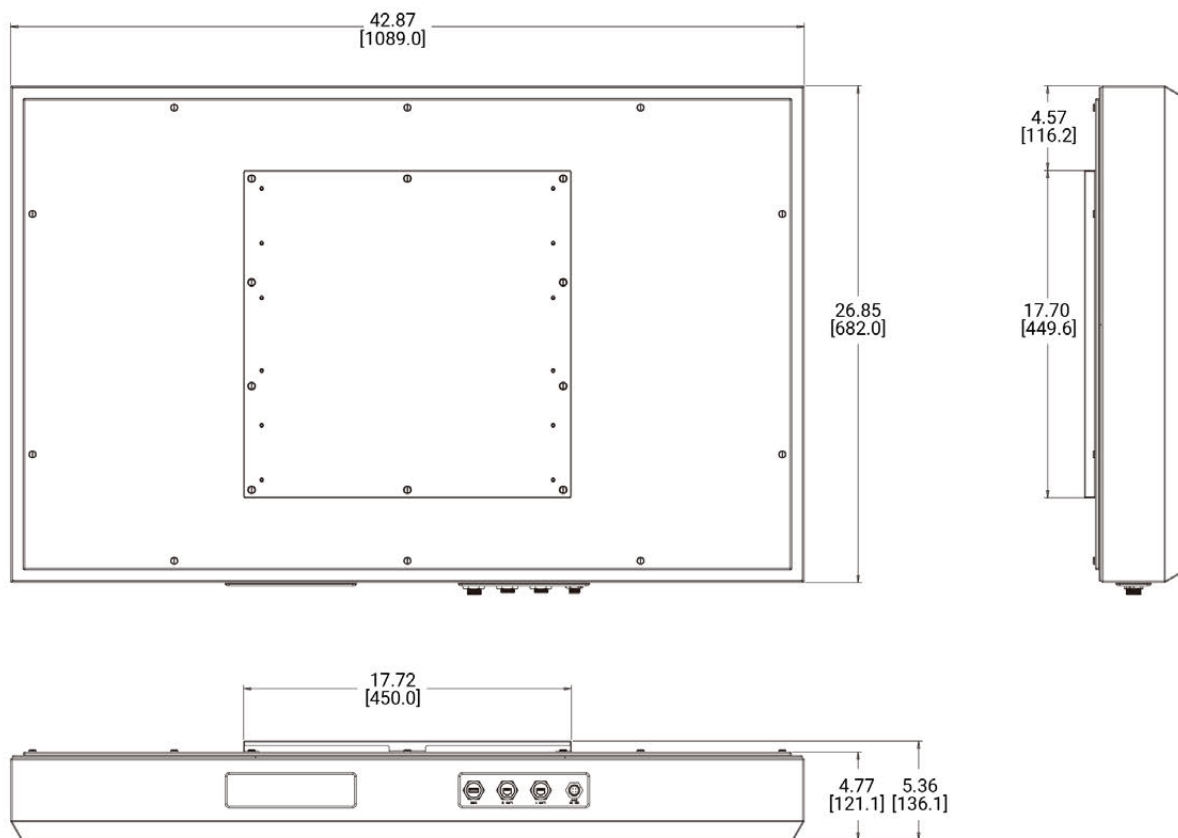
Specifications

Model Name	ARP-5542AX-E01
LCD Display	
Display Size	42 inch
Max Resolution	1920 x 1080
Backlight Lifetime	50,000 hours
Visual Characteristics	
Colors	1073 million
Aspect Ratio	16:09
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	4000:01:00
Brightness	500 nits
Touchscreen	
Technology	Infrared
Interface	USB
Driver	Windows 7 & Windows 10
Enclosure	
NEMA 4	N/A
NEMA 4x	Stainless Steel
System	
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
I/O Communication	
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
Smart Battery	
External Smart Battery	N/A
OS Support	
OS Support	Windows 7, Windows 10
Power/Thermal Specs	
Power Requirement (Max)	24VDC / 7.54A
Power Consumption (Max)	181 W
Recommended Power Supply	259 W
Heat Dissipation	618 BTU/hr
Physical Information	
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
Environmental	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

Dimension Drawing

Model Name: ARP-5542AX-E01

Size Unit: inch(mm)



Ordering Information

Item	ARP-5542AX-E01-006	
LCD Display	42" LCD / 1920 x 1080	
Touch Screen	IR	
Enclosure	Stainless Steel	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	
Memory	4GB DDR3	
Storage	N/A	
Remote Boot	ThinManager Ready	
Power Supply	24VDC INPUT	

Item	ARP-5519AX-H01-034-700	ARP-5542AX-H01-035-700
LCD Display	42" LCD / 1920 x 1080	42" LCD / 1920 x 1080
Touch Screen	IR	IR
Enclosure	Stainless Steel	Stainless Steel
CPU	Intel 2.6/3.4 GHz i7-6600U	Intel 2.6/3.4 GHz i7-6600U
Memory	16GB DDR4	16GB DDR4
Storage	2.5" SSD	2.5" SSD
Remote Boot	N/A	N/A
Power Supply	24VDC INPUT	DIN-Rail Power Supply



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