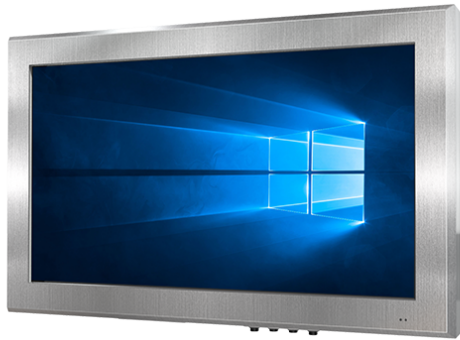




## ARP-5542AX

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



### Features

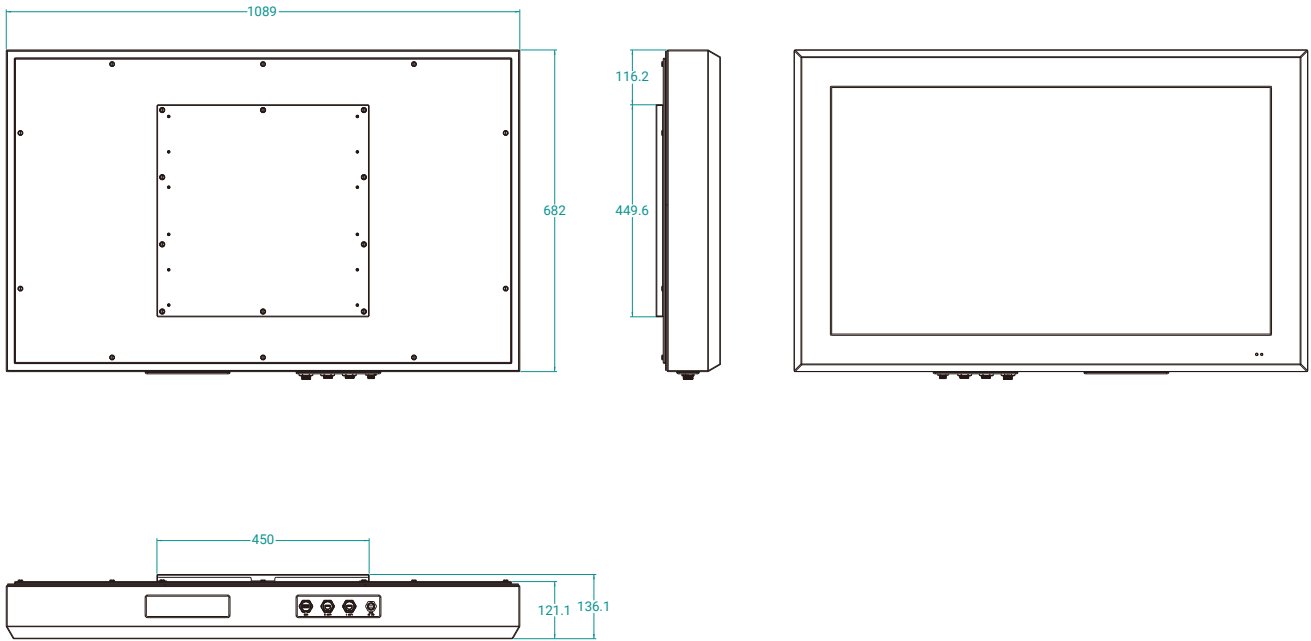
- 42" LCD, 1920 x 1080 Resolution
- 5-Wire Resistive Touch
- Stainless Steel Enclosure
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3
- 1x Gigabit Ethernet
- 2x USB 2.0 ports
- Optional 2.5" SSD
- Wi-Fi Connectivity (Optional)
- 24VDC Operating Voltage

### Specifications

Model Name	ARP-5542AX-E01
<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%

## Dimension Drawing

ARP-5542AX-E01  
Size Unit: 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