

ARP-3815AP-E01-002/006-C1D2

Class I, Div 2 Location Panel Mount Thin Client Panel PC with 15" PCAP Touch Screen

Features

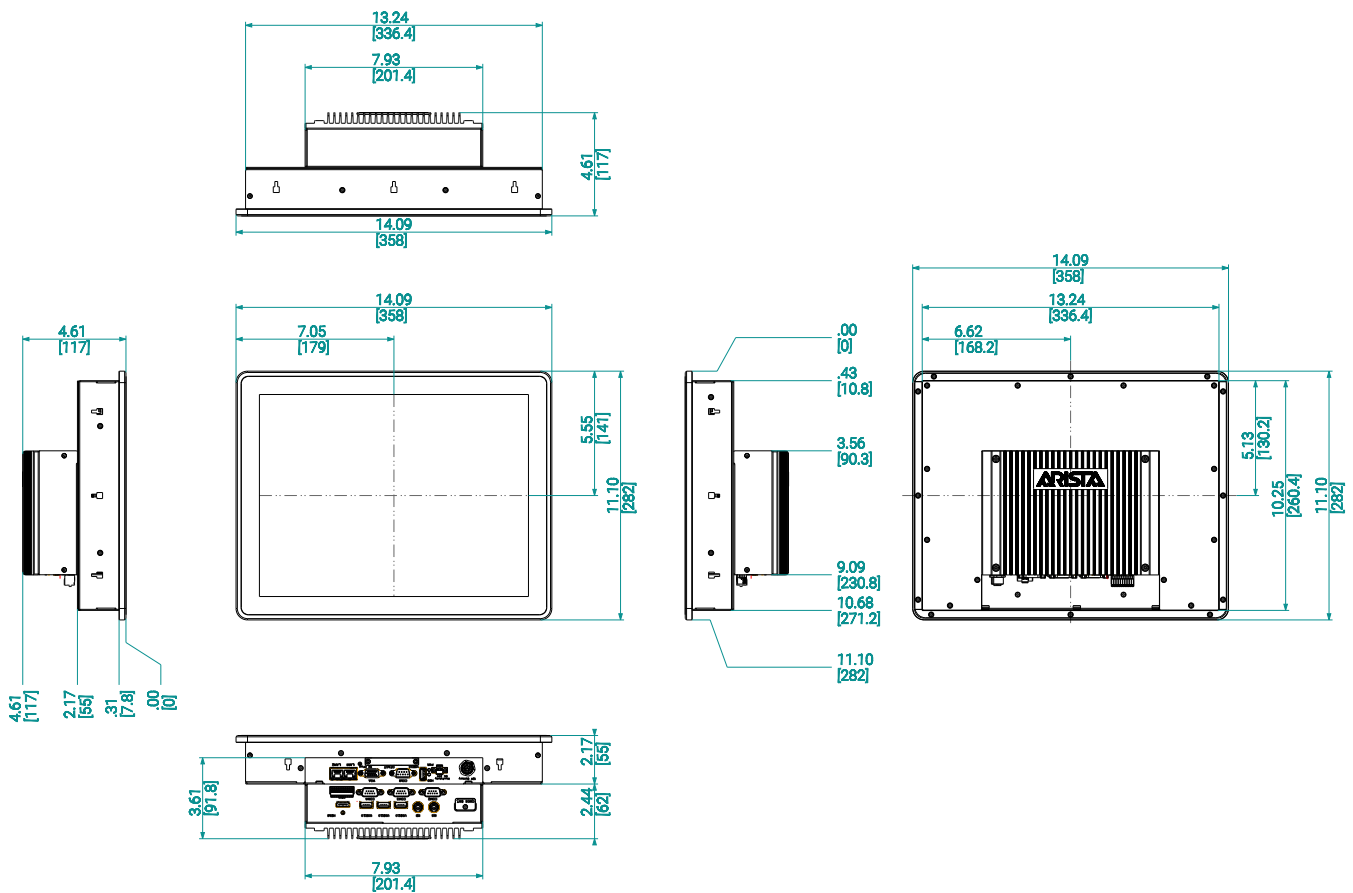
- USL, CNL - Class I, Div. 2 Groups A, B, C, D
- ATEX / IECEx: II 3 G Ex ec IIC T4 Gc (pending approval)
- 15" LCD, 1024 x 768 Resolution
- Projected Capacitive Touch Screen
- Aluminum or Stainless-Steel 316L Flush Bezel
- Intel Atom E3845 @ 1.91GHz CPU
- Up to 4GB DDR3 SO-DIMM
- Dual Gigabit Ethernet
- 4 x RS-232/422/485 BIOS Selectable
- 1 x USB 3.0, 3 x USB 2.0 ports
- ThinManager Ready

Specifications

Model Name	ARP-3815AP-E01-002/006-C1D2
LCD Display	
Display Size (Diagonal)	15.0 inch
Resolution	1024 x 768
Backlight Lifetime (Hours)	50,000 hours
Visual Characteristics	
Colors	16.7 million
Aspect Ratio	4:3
Viewing Angle (V/H)	140° / 170°
Contrast Ratio	700 : 1
Brightness	300 nits (Typical)
Touchscreen	
Technology	Projected Capacitive
Interface	USB
Driver	ThinManager Supported Driver
Front Bezel	
NEMA 4	Aluminum
NEMA 4x	Stainless Steel 316L (Optional)
System	
CPU	Intel Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	Up to 4GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	VGA, HDMI
Storage Option	N/A
CFast Card	N/A
Keyboard / Mouse	USB / PS2
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	Mini PCIe x 2
I/O Communication	
USB Port	1 x USB 3.0, 3 x USB 2.0
Serial Port	4 x RS-232/422/485 BIOS Selectable
IEEE 1394	N/A
LAN	2 x Gigabit
Parallel	N/A
GPIO	N/A
Smart Battery	
External Smart Battery	Optional
OS Support	
OS Support	N/A
Power/Thermal Specs	
Power Requirement (Max)	24V DC / 1.3A Class 2, LPS, or Limited Energy
Power Consumption (Max)	32 W
Recommended Power Supply	45 W
Heat Dissipation	108 BTU/hr
Physical Information	
Mounting	Panel Mount
Net Weight	12 Lbs / 5.44 Kg
Dimension (W x H x D)	14.09 x 11.1 x 4.61 inch 358 x 282 x 117 mm
Recommended Cutout Dimension (WxH)	13.44 x 10.45 inch 341.4 x 265.4 mm
Environmental	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%
Compliance	
IP/NEMA Rating	Bezel meets NEMA 4/4X requirement
Certification	USL, CNL - Class I, Div. 2 Groups A, B, C, D ATEX / IECEx: II 3 G Ex ec IIC T4 Gc (pending approval)

Dimension Drawing

ARP-3815AP-E01
Size Unit: inch(mm)



Ordering Information

Item	ARP-3815AP-E01-002-C1D2	ARP-3815AP-E01-006-C1D2
LCD Display	15.0" LCD / 1024 x 768	15.0" LCD / 1024 x 768
Touch Screen	Projected Capacitive	Projected Capacitive
Bezel	Aluminum	Stainless Steel 316L
CPU	Intel Atom E3845 @ 1.91GHz CPU	Intel Atom E3845 @ 1.91GHz CPU
Memory	4GB DDR3	4GB DDR3
Storage	N/A	N/A
Remote Boot	ThinManager Ready	ThinManager Ready
Power Supply	24V DC / 1.3A Class 2, LPS, or Limited Energy	24V DC / 1.3A Class 2, LPS, or Limited Energy
Hazardous Location	USL, CNL - Class I, Div. 2 Groups A, B, C, D ATEX / IECEx: II 3 G Ex ec IIC T4 Gc (pending approval)	USL, CNL - Class I, Div. 2 Groups A, B, C, D ATEX / IECEx: II 3 G Ex ec IIC T4 Gc (pending approval)