



ARP-3816BP-E01-0Q3

VESA Mount Web Client Panel PC with 15.6 inch PCAP Touch Screen

Features

- 15.6" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- VESA Mount / Wall Mount
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- 4GB DDR3 SO-DIMM
- Dual Gigabit Ethernet
- 2 x RS-232/422/485 BIOS Selectable
- 1 x USB 3.0, 3 x USB 2.0 ports
- Line Out, Mic In

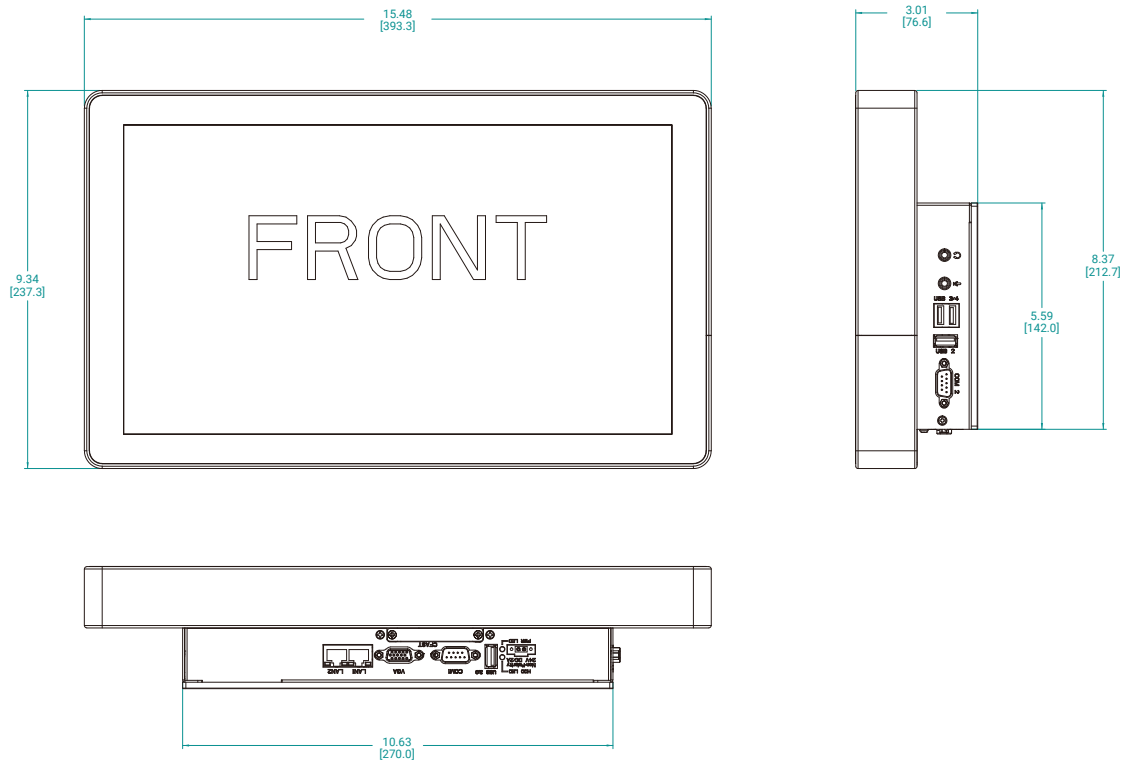
Specifications

Model Name	ARP-3816BP-E01-0Q3
LCD Display	
Display Size (Diagonal)	15.6 inch
Resolution	1920 x 1080
Backlight Lifetime (Hours)	50,000 hours
Visual Characteristics	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	140° / 160°
Contrast Ratio	700 : 1
Brightness	400 nits (Typical)
Touchscreen	
Technology	Projected Capacitive
Interface	USB
Driver	ThinManager Supported Driver
Enclosure	
Colors	Black Powder Coated Aluminum
System	
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Chipset	Bay Trail
Memory	4GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	VGA, HDMI
Storage	SSD
Compact Flash	N/A
Keyboard / Mouse	USB / PS2
Audio	Line Out, Mic In
Watchdog Timer	Programmable 1 - 255 sec
Expansion Slot	Mini PCIe x 2
I/O Communication	
USB Port	1 x USB 3.0, 3 x USB 2.0
Serial Port	2 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	N/A
OS Support	
Web OS	Q8 Edge
Power/Thermal Specs	
Power Requirement (Max)	24VDC / 1.3A
Power Consumption (Max)	32 W
Recommended Power Supply	45 W
Heat Dissipation	108 BTU/hr
Physical Information	
Mounting	VESA Mount
Net Weight	12 Lbs / 5.44 Kg
Dimension (W x H x D)	15.9 x 10.0 x 4.4 inch 403 x 255 x 113 mm
Recommended Cutout Dimension (WxH)	--
IP/NEMA Rating	meets IP50
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

ARP-3816BP-E01-0Q3

Size Unit: inch(mm)



Ordering Information

Item	ARP-3816BP-E01-0Q3
LCD Display	15.6" LCD / 1920 x 1080
Touch Screen	Projected Capacitive
Enclosure	Black Powder Coated Aluminum
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Memory	4GB DDR3 SO-DIMM
Storage	SSD
Web OS	Q8 Edge
Power Supply	110/220VAC Input Power Adaptor