



ARP-3818BP

VESA Mount Panel PC with 18.5-inch PCAP Touch Screen

Features

- 18.5" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- Black Color Enclosure
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- Up to 8GB DDR3
- Optional 2.5" SSD
- Dual Gigabit Ethernet
- 2 x RS-232/422/485 BIOS Selectable
- 1 x USB 3.0, 3 x USB 2.0 ports
- Mic In / Line Out Jacks

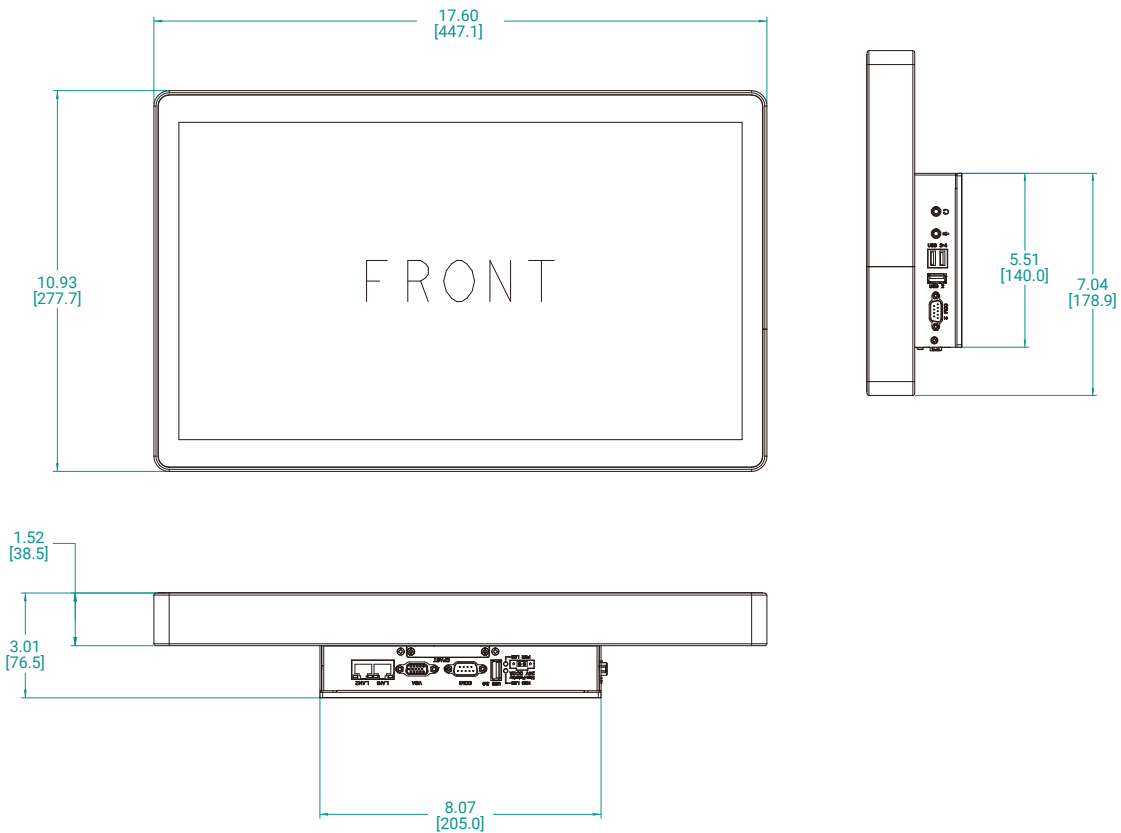
Specifications

Model Name	ARP-3818BP
	E01
LCD Display	
Display Size (Diagonal)	18.5 inch
Max Resolution	1920 x 1080
Backlight Lifetime (Hours)	50,000 hours
Visual Characteristics	
Colors	16.7 million
Aspect Ratio	16:9
Viewing Angle (V/H)	178° / 178°
Contrast Ratio	1000 : 1
Brightness	350 nits
Touchscreen	
Technology	Projected Capacitive
Interface	USB
Driver	Windows 7 & Windows 10
Enclosure	
Colors	Black
Protection	Meets IP50
System	
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
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	
OS Support	Windows 7 & Windows 10
Power/Thermal Specs	
Power Requirement (Max)	24VDC / 1.6A
Power Consumption (Max)	38 W
Recommended Power Supply	55W
Heat Dissipation	130 BTU/hr
Physical Information	
Mounting	VESA mount
Net Weight	14 Lbs / 6.4 Kg
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)	N/A
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

Model Name: ARP-3818BP

Size Unit: inch(mm)



Ordering Information

Item	ARP-3818BP-E01-003	ARP-3818BP-E01-031
LCD Display	18.5" LCD / 1920 x 1080	18.5" LCD / 1920 x 1080
Touch Screen	Projected Capacitive	Projected Capacitive
Enclosure	Black Color	Black Color
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Memory	4GB DDR3	8GB DDR3
Storage	N/A	2.5" SATA SSD
Remote Boot	ThinManager Ready	N/A
Power Supply	24VDC Input, 110/220VAC Power Adaptor Included	24VDC Input, 110/220VAC Power Adaptor Included