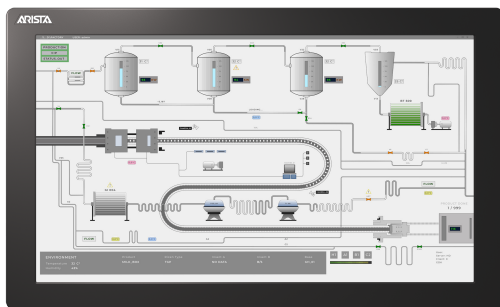




ARP-3624AP

Class I, Div 2 Location Panel Mount Panel PC with 24 inch 5-Wire Resistive Touch

Features

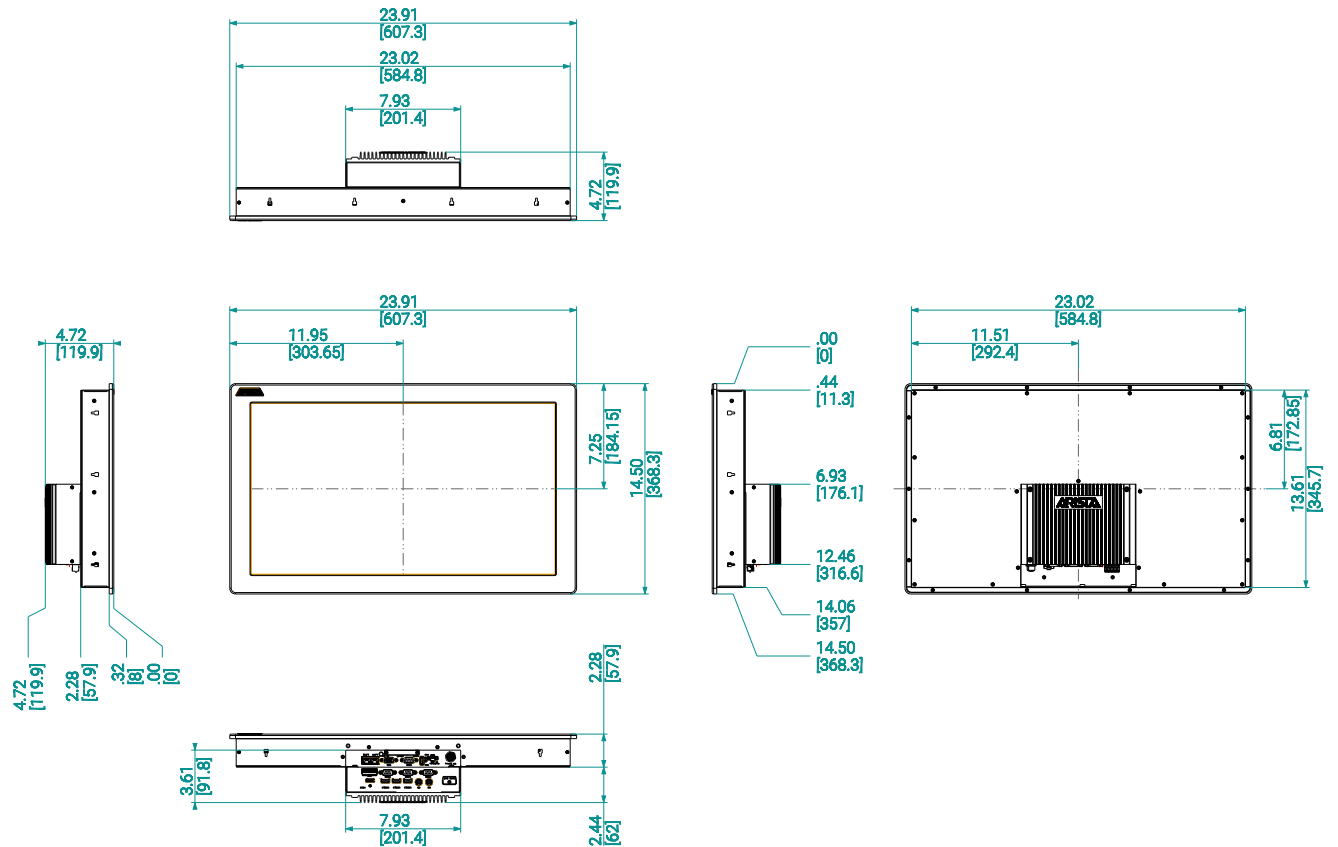
- USL, CNL - Class I, Div. 2 Groups A, B, C, D
- ATEX / IECEx: II 3 G Ex ec IIC T4 Gc
- 24" LCD, 1920 x 1080 Resolution
- 5-Wire Resistive Touch
- Aluminum or Stainless-Steel Bezel
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U, Celeron-3855U CPU
- Up to 8GB DDR3/ Up to 16GB DDR4 SO-DIMM
- Optional 2.5" SSD
- Dual Gigabit Ethernet
- 4 x RS-232/422/485 BIOS Selectable
- 1 x 8-bit GPIO (4-bit Input, 4-bit Output)
- 1 x USB 3.0, 3 x USB 2.0 ports

Specifications	ARP-3624AP	
	E01	H01
LCD Display		
Display Size	24.0 inch	24.0 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	5000 : 1	5000 : 1
Brightness	250 nits (Typical)	250 nits (Typical)
Touchscreen		
Technology	Projected Capacitive	Projected Capacitive
Interface	USB	USB
Driver	Windows 7, 8 & 10	Windows 10
Front Bezel		
NEMA 4	Black Powder Coated Aluminum	Black Powder Coated Aluminum
NEMA 4x	Stainless Steel (Optional)	Stainless Steel (Optional)
System		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U, Celeron-3855U
Chipset	Bay Trail	Skylake
Memory	Up to 8GB DDR3 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	VGA, HDMI	VGA, HDMI
Storage Option	2.5" SSD	2.5" SSD
CFast Card	Optional	Optional
Keyboard / Mouse	USB / PS2	USB / PS2
Audio	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Yes
Remote Boot	ThinManager Ready, PXE	ThinManager Ready, PXE
Expansion Slot	Mini PCIe x 2	Mini PCIe x 1
I/O Communication		
USB Port	1 x USB 3.0, 3 x USB 2.0	1 x USB 3.0, 3 x USB 2.0
Serial Port	4 x RS-232/422/485 BIOS Selectable	4 x RS-232/422/485 BIOS Selectable
IEEE 1394	N/A	N/A
LAN	2 x Gigabit	2 x Gigabit
Parallel	N/A	N/A
GPIO	4 x DI, 4 x DO	4 x DI, 4 x DO
Smart Battery		
External Smart Battery	Optional	Optional
OS Support		
OS Support	Windows 7, 8 & 10	Windows 10
Power/Thermal Specs		
Power Requirement (Max)	24V DC / 2.5A	24V DC / 2.8A
Power Consumption (Max)	60 W	68W
Recommended Power Supply	85 W	100W
Heat Dissipation	203 BTU/hr	232 BTU/hr
Physical Information		
Mounting	Panel Mount	Panel Mount
Net Weight	23 Lbs / 10.43 Kg	23 Lbs / 10.43 Kg
Dimension (W x H x D)	23.91 x 14.5 x 4.72 inch 607.3 x 368.3 x 119.9 mm	23.91 x 14.5 x 4.72 inch 607.3 x 368.3 x 119.9 mm
Recommended Cutout Dimension (WxH)	23.22 x 13.81 inch 589.8 x 350.7 mm	23.22 x 13.81 inch 589.8 x 350.7 mm
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%
Compliance		
IP/NEMA Rating	Bezel meets NEMA 4/4X requirement	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	USL, CNL - Class I, Div. 2 Groups A, B, C, D ATEX / IECEx: II 3 G Ex ec IIC T4 Gc

Dimension Drawing

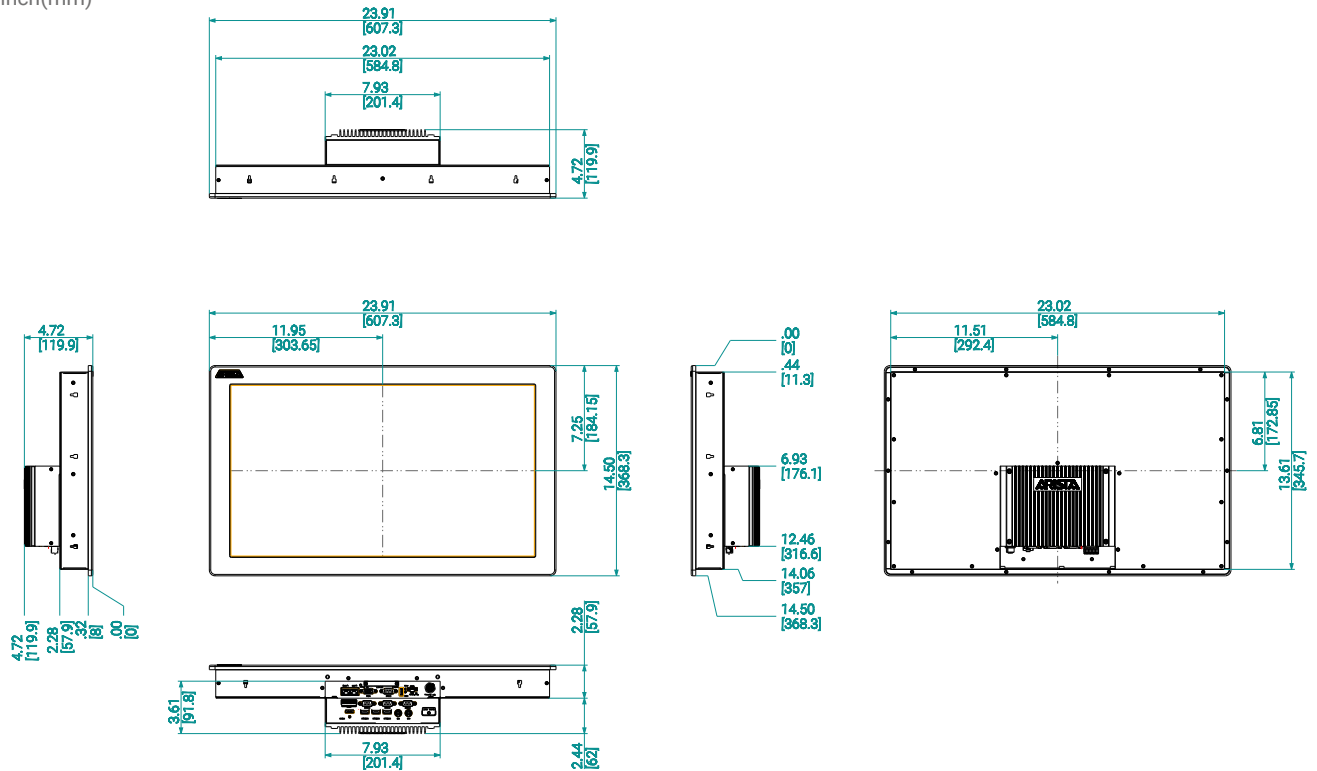
ARP-3624AP-E01

Size Unit: inch(mm)



ARP-3624AP-H01

Size Unit: inch(mm)



Ordering Information

Item	ARP-3624AP-E01-002-C1D2	ARP-3624AP-E01-006-C1D2
LCD Display	24.0" LCD / 1920 x 1080	24.0" LCD / 1920 x 1080
Touch Screen	5-Wire	5-Wire
Bezel	Black Powder Coated Aluminum	Stainless Steel
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Memory	4GB DDR3	4GB DDR3
Storage	N/A	N/A
Remote Boot	ThinManager Ready	ThinManager Ready
Power Supply	DC 24V	DC 24V
Hazardous Location	USL, CNL - Class I, Div. 2 Groups A, B, C, D ATEX / IECEx: II 3 G Ex ec IIC T4 Gc	USL, CNL - Class I, Div. 2 Groups A, B, C, D ATEX / IECEx: II 3 G Ex ec IIC T4 Gc

Item	ARP-3624AP-E01-030-C1D2	ARP-3624AP-E01-034-C1D2
LCD Display	24.0" LCD / 1920 x 1080	24.0" LCD / 1920 x 1080
Touch Screen	5-Wire	5-Wire
Bezel	Black Powder Coated Aluminum	Stainless Steel
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Memory	8GB DDR3	8GB DDR3
Storage	2.5" SATA SSD	2.5" SATA SSD
Remote Boot	N/A	N/A
Power Supply	DC 24V	DC 24V
Hazardous Location	USL, CNL - Class I, Div. 2 Groups A, B, C, D ATEX / IECEx: II 3 G Ex ec IIC T4 Gc	USL, CNL - Class I, Div. 2 Groups A, B, C, D ATEX / IECEx: II 3 G Ex ec IIC T4 Gc

Item	ARP-3624AP-H01-030-700-C1D2	ARP-3624AP-H01-034-700-C1D2
LCD Display	24.0" LCD / 1920 x 1080	24.0" LCD / 1920 x 1080
Touch Screen	5-Wire	5-Wire
Bezel	Black Powder Coated Aluminum	Stainless Steel
CPU	i7-6600U	i7-6600U
Memory	16GB DDR4	16GB DDR4
Storage	2.5" SATA SSD	2.5" SATA SSD
Remote Boot	N/A	N/A
Power Supply	DC 24V	DC 24V
Hazardous Location	USL, CNL - Class I, Div. 2 Groups A, B, C, D ATEX / IECEx: II 3 G Ex ec IIC T4 Gc	USL, CNL - Class I, Div. 2 Groups A, B, C, D ATEX / IECEx: II 3 G Ex ec IIC T4 Gc