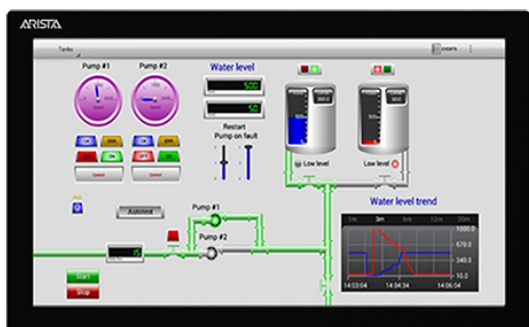




ARP-2221AP-J01

21.5 inch Panel Mount Fanless Panel PC with i7 CPU for
Use in Class I, Division 2 Hazardous Locations

Features

- 21.5" Active Matrix TFT LCD Display
- Resolution at 1920 x 1080
- Black Aluminum or Stainless-Steel Bezel
- 5-Wire Resistive Touch or Tempered Glass
- Intel i7-10700T CPU
- Up to 64GB DDR4
- 2 x 2.5" SATA SSD
- 1 x PCIe x16
- 4 x USB 3.2 (Gen1), 2 x USB 2.0
- 1 x 2.5G, 1 x Gigabit LANs
- cUL 61010, North America Class 1 Div 2

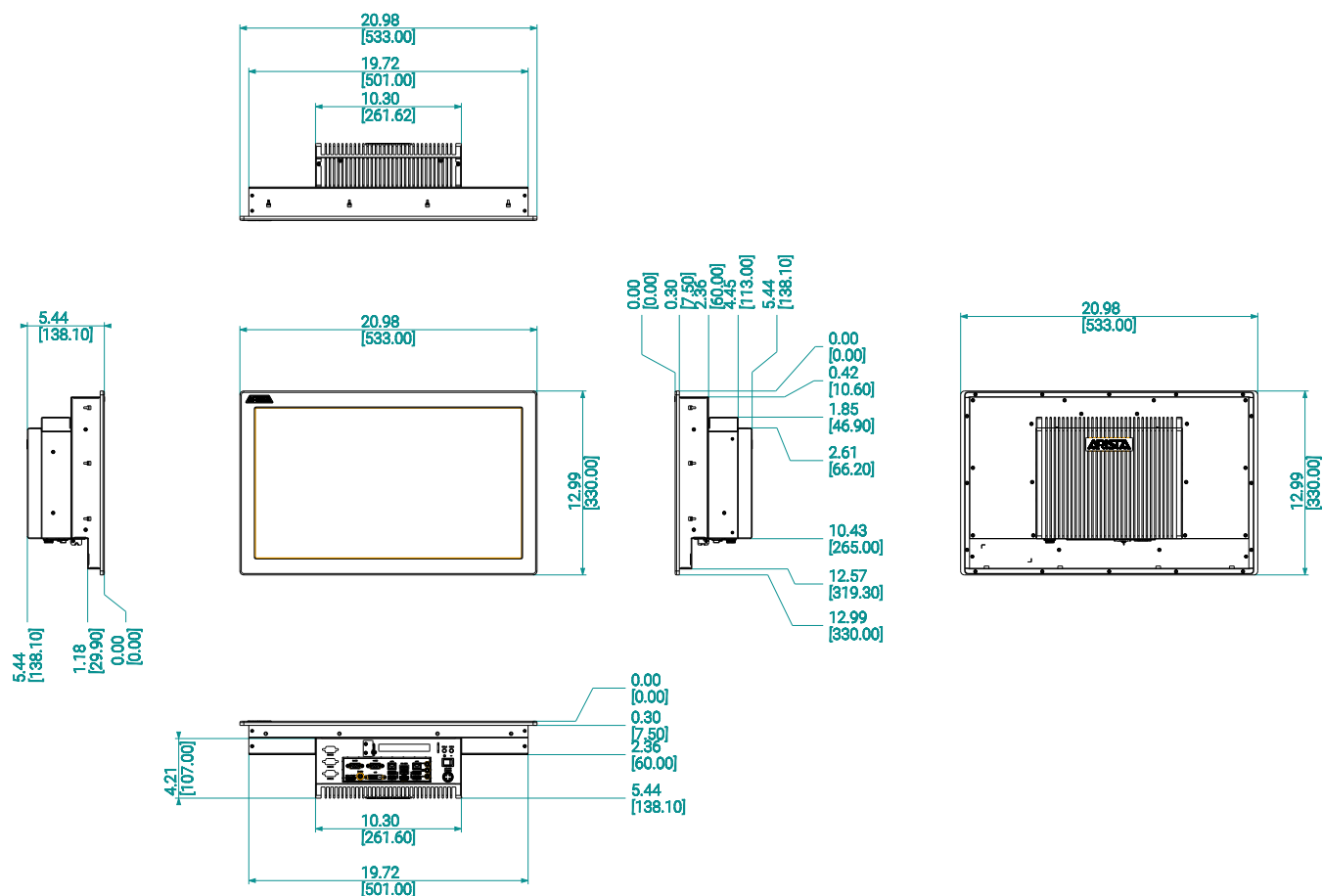
Specifications

Model Name	ARP-2221AP-J01
LCD Display	
Display Size (Diagonal)	21.5 inch
Resolution	1920 x 1080
Backlight Lifetime (Hours)	50,000
Visual Characteristics	
Colors	16.7 million
Aspect ratio	16:9
Viewing angle (V/H)	178° / 178°
Response time (Typical)	14 ms
Pixel Pitch (mm)	0.248 x 0.248
Contrast ratio	1000 : 1
Brightness	250 nits
Touch Screen	
Technology	5 Wire Resistive
Touch rating	35 million touches
MTBF	USB
Interface	490,000 hours
Driver	Win10, 11 Pro
Front Bezel	
NEMA 4	Black Aluminum
NEMA 4x	Stainless Steel (Optional)
Rack Mount Bezel	N/A
System	
CPU	Intel i7-10700T
Chipset	Intel Q470E
Memory	Up to 64GB DDR4
Video Controller	Intel® Gen9 Intel Graphics
External Video Output	DVI / HDMI / Display Port
Storage Option	2 x 2.5" SATA SSD
CFast	N/A
Keyboard / Mouse	1 x PS / 2 connector
Audio	Line in, Line Out, Mic-In
Watchdog Timer	None
Remote Boot	PXE
Expansion Slot	1 x PCIe x16
I/O Communication	
USB Port	4 x USB 3.2 (Gen1), 2 x USB 2.0
Serial Port	2 x RS-232
IEEE 1394	N/A
LAN	1 x 2.5G, 1 x Gigabit LANs
Parallel	N/A
GPIO	N/A
Smart Battery	
External Smart Battery	N/A
OS Support	
OS Support	Win10, 11 Pro
Power/Thermal Specs	
Power Requirement (Max)	24VDC / 3.20A
Power Consumption (Max)	77W
Recommended Power Supply	120W
Heat Dissipation	262 BTU/hr
Physical Information	
Mounting	Panel Mount
Net Weight	28 Lbs / 12.7 Kg
Dimension (W x H x D)	20.98 x 12.99 x 5.44 inch 533 x 330 x 138.1 mm
Recommended Cutout Dimension (WxH)	19.92 x 12.35 inch 506.0 x 313.7 mm
IP/NEMA Rating	Bezel UL Rated Type 4X
Certification	cUL 61010, North America Class 1 Div 2
Environmental	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%

Dimension Drawing

ARP-2221AP-J01

Size Unit: inch(mm)



Ordering Information

Item	ARP-2221AP-J01-020-C1D2	ARP-2221AP-J01-030-C1D2	ARP-2221AP-J01-090-C1D2
LCD Display	Standard	Standard	Standard
Touch Screen	5-Wire	5-Wire	5-Wire
Bezel	Black Aluminum	Black Aluminum	Black Aluminum
CPU	i7-10700T	i7-10700T	i7-10700T
Memory	32GB DDR4	64GB DDR4	64GB DDR4
Storage	500GB SSD	500GB SSD	1TB SSD
Remote Boot	N/A	N/A	N/A
Power Supply	24V DC	24V DC	24V DC
C1D2 Approval	YES	YES	YES

Item	ARP-2221AP-J01-024-C1D2	ARP-2221AP-J01-034-C1D2	ARP-2221AP-J01-094-C1D2
LCD Display	Standard	Standard	Standard
Touch Screen	5-Wire	5-Wire	5-Wire
Bezel	Stainless Steel	Stainless Steel	Stainless Steel
CPU	i7-10700T	i7-10700T	i7-10700T
Memory	32GB DDR4	64GB DDR4	64GB DDR4
Storage	500GB SSD	500GB SSD	1TB SSD
Remote Boot	N/A	N/A	N/A
Power Supply	24V DC	24V DC	24V DC
C1D2 Approval	YES	YES	YES