



ARP-3821AX

Hazardous Area Panel PCs

- Stainless Steel Enclosure
- Intel E3845 1.91GHz ATOM CPU
- 8GB DDR3 SO-DIMM Memory
- Dual Gigabit LAN ■ WiFi Connectivity (Optional)
- 1 x 2.5" SATA HDD



8GB DDR3



WaterProof



Wifi Connectivity



Fanless & silence



Hazardous Areas

Intel Atom (Bay Trail) Platform



PRODUCT SPECIFICATIONS	ARP-3821AX-E01
LCD Display	
Display Size (Diagnol)	21.5 inch
Resolution	1920 x 1080
Backlight Lifetime (Hours)	50,000 hours
Visual Characteristics	
Colors	16.7 millions
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	Projected Capacitive
Touch Rating	50 Million Touches
MTBF	N/A
Interface	USB
System	
CPU	Intel E3845 1.91GHz Quad Core ATOM CPU
Chipset	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	N/A
Storage Option	2.5" HDD, 2.5" SSD, CFAST Card
Compact Flash	N/A
Keyboard / Mouse	USB
Audio	N/A
Watchdog Timer	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXE
Expansion Slot	N/A
I/O Communication	
USB Port	2 x USB 2.0 (Revision update at 9/14/2017)
Serial Port	N/A
IEEE 1394	N/A
LAN	1 x Gigabit (Revision update at 9/14/2017)
Parallel	N/A
GPIO	N/A
Smart Battery	
External Smart Battery	N/A
OS Support	
OS Support	Windows 7 & up
Power/Thermal Specs	
Power Requirement (Max)	24VDC / 1.58A
Power Consumption (Max)	38 W
Recommended Power Supply	55 W
Heat Dissipation	130 BTU/hr
Physical Information	
Mounting	Pedestal, VESA, Wall and Ceiling mount, Benchtop
Net Weight	27 Lbs / 12.25 Kg
Physical Dimension (W x H x D)	20.94 x 13.64 x 3.69 inch 532.0 x 346.4 x 93.7 mm
Recommended Cutout	N/A
Dimension (WxH)	N/A
Environmental	
Operating Temp	0~50°C (32~122°F)
Storage Temp	-20~60°C (-4~140°F)
Relative Humidity	0~95%
IP/NEMA Rating	Meets NEMA 4X
Certification	N/A