

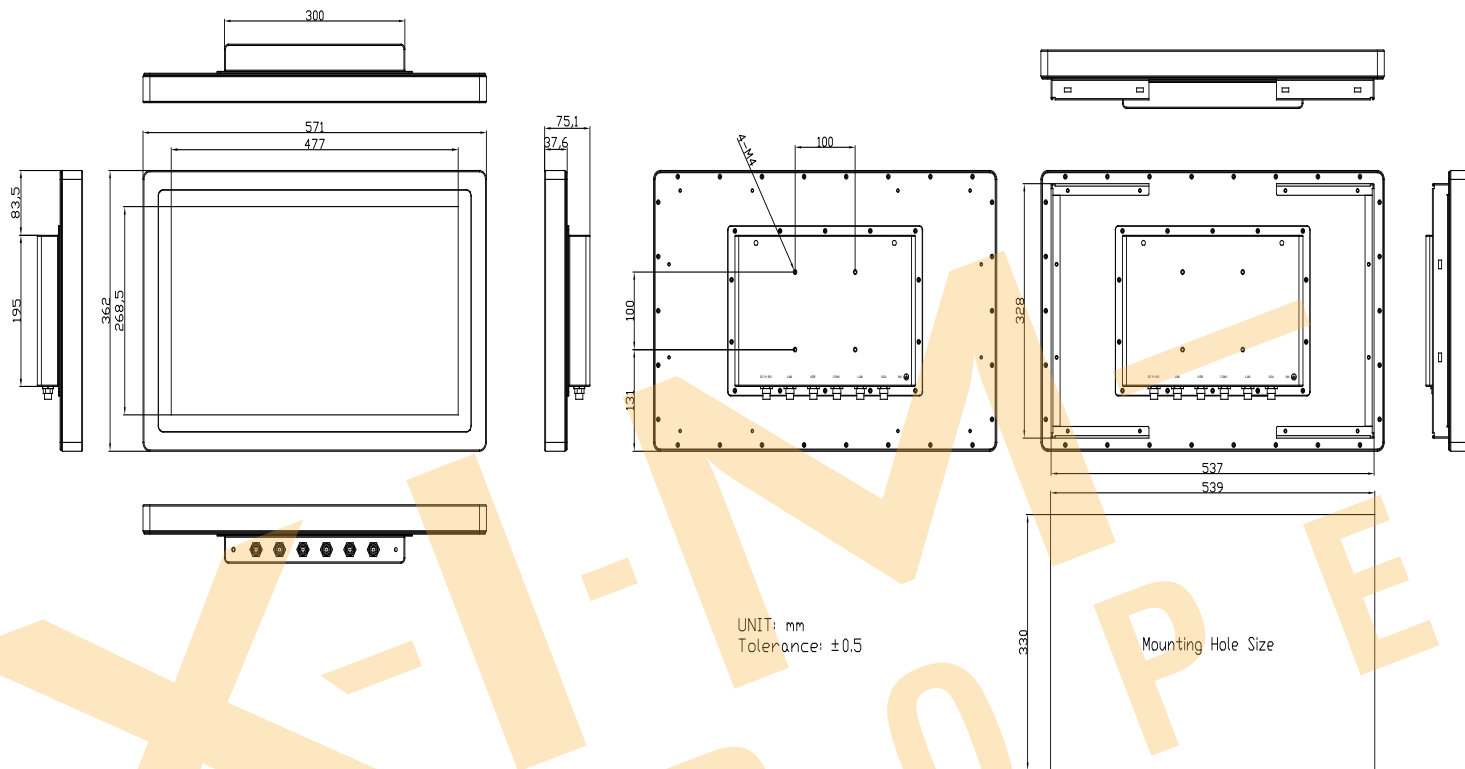
Features

- 21.5" TFT-LCD
- Intel 6th Gen. Core i3/i5 Processor
- SUS 316 Stainless Steel
- Total IP66 Grade with M12 Waterproof Connector
- Variety of IO applications
- Wide range DC 9~36V Power Input
- Support Panel Mount & VESA Mount
- Support Projected Capacitive Touch
- Full Flat Bezel and Fanless Design
- ATEX/IECEX Zone2, Zone22 and C1D2/C2D2/C3 Certified

Specifications

System	
CPU	Onboard 6th Gen Intel Core i3/i5 processor
System Chipset	SoC
Memory	1 x 260-pin SO-DIMM up to 16GB DDR4 2133MHz
IO Port	
USB	1 x M12 8-pin for 2 x USB 2.0 with waterproof cover and chain
Serial / Parallel	1 x M12 8-pin for COM1, RS-232/422/485, default RS-232, with waterproof cover and chain
LAN	2 x M12 8-pin for LAN with waterproof cover and chain
Graph	1 x M12 8-pin for VGA with waterproof cover and chain
Power	1 x M12 3-pin for DC power connector with waterproof cover and chain
Storage Space	
HDD	1 x 2.5" HDD or SSD space 1 x mSATA space
Movable Device	1 x Internal SD Card
Expansion	
Expansion slot	1 x Mini-PCle (full size)
Display	
Display Type	21.5" TFT-LCD
Max. Resolution	1920 x 1080
Max. Color	16.7M
Luminance (cd/m ²)	300
View Angle	178(H)/178(V)
Contrast	3000:1
Backlight Lifetime	50,000 hrs
Touch Screen	
Type	Projected Capacitive Touch
Interface	USB
Light Transmission(%)	90%
Power	
Power Input	DC 9~36V
Power Consumption	AEx-921AP: 37W
Mechanical	
Construction	316 stainless steel chassis
Mounting	VESA mount 100 x 100, Panel mount (option)
IP Rating	Total IP66
Dimensions	571 x 362 x 75.1 mm
Net Weight	12.6 kg

Dimensions



Distributed by:



Environmental	
Operating Temperature	-20~60°C
Storage Temperature	-30~70°C
Humidity	10 to 95% @ 40°C, non- condensing
Safety	CSA C22.2 No.61010
Certificate	
CE / FCC Class A	
ATEX / IECEx Zone2 Ex ec ic IIC T4 Gc	
ATEX / IECEx Zone22 Ex tc IIIC T135°C Dc	
Class I, Division2, Group A,B,C,D,T4	
Class II, Division2, Group F,G, T135°C	
Class III	
ANSI/ISA 12.12-01-2013	
CSA Std., C22 No213-1987	
Operating System Support	
Windows embedded 7	
Windows embedded 8.1	
Windows 10 IoT ENT LTSC	
Ordering Information	
AEX-921AP	21.5" FHD IP66 Intel Core I5-6300U 2.4GHz, fan less panel PC, 1 x SO-DIMM(260pins), Up to 16G DDR4 2133MHz, 1 x 256GB 2.5" MLC SSD, 1 x 64GB mSATA MLC SSD, Projected capacitive touch, DC9~36V power input with power adapter, 316 stainless steel enclosure, support VESA Mount, WT-20~60 Accessory : 1 x M12 for 2 x USB2.0 Cable, 2 x M12 LAN cable, 1 x M12 COM Cable, 1 x VGA Cable, 1 x 3pin power input cable (w/o Adapter)

Disclaimer

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All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.



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