

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 Zone2, IECEx and C1D2 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-PCIe (full size) |

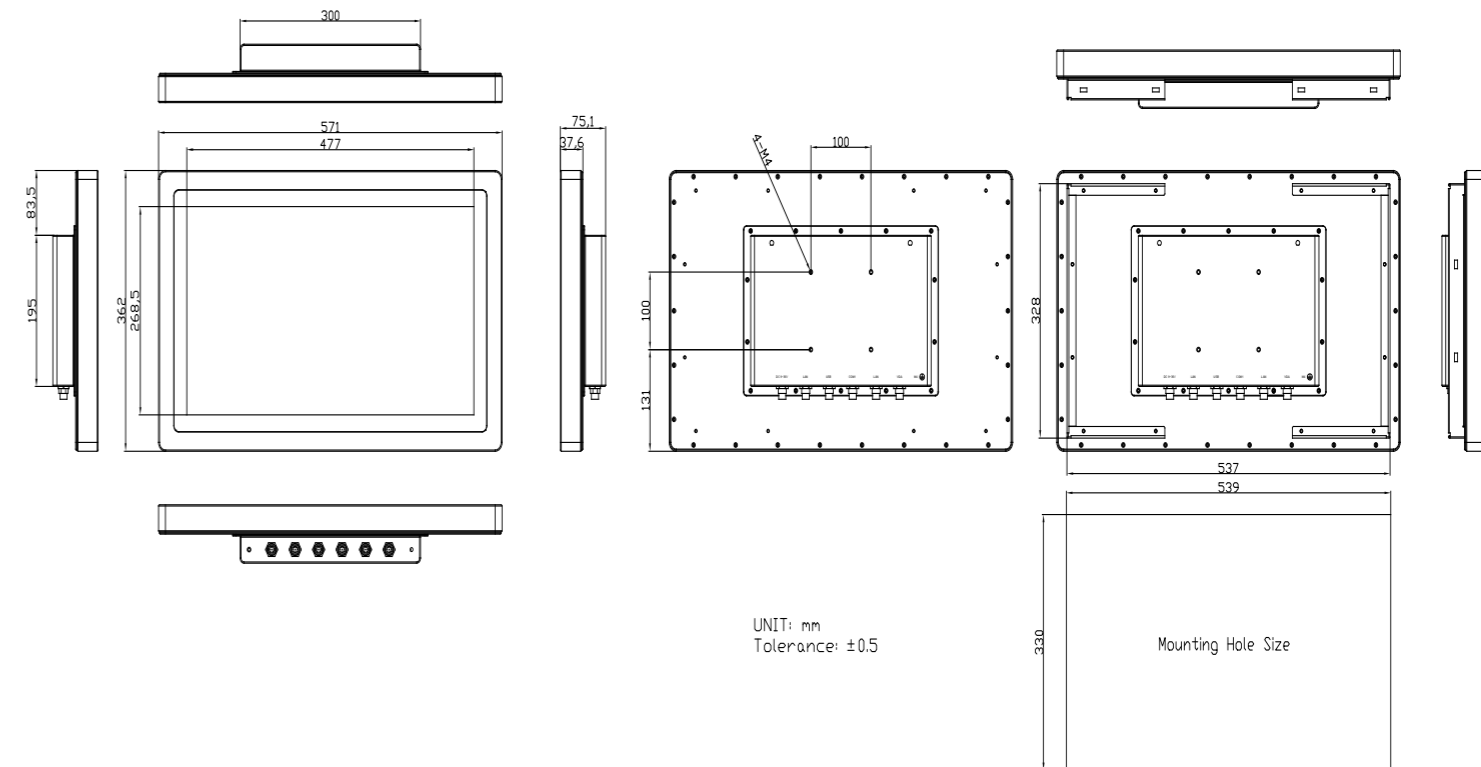
| Display | |
|--------------------------------|---------------|
| Display Type | 21.5" TFT-LCD |
| Max. Resolution | 1920 x 1080 |
| Max. Color | 16.7M |
| Luminance (cd/m ²) | 300 |
| View Angle | 178(H)/178(V) |
| Contrast | 3000:1 |
| Backlight Lifetime | 50,000 hrs |

| 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



| 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 Zone2 Ex nA ic IIC T4 Gc Class I, Division2, Group ABCD T4 ANSI/ISA 12.12.01-2013 CSA Std. C22.2 No213-1987 |

| Operating System Support | |
|--------------------------|--|
| Windows embedded 7 | |
| Windows embedded 8.1 | |
| Windows 10 IoT ENT LTSB | |

| 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) |