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Features

- 19" New Generation Stainless Steel Panel PC
- Intel Celeron J6412 2.0GHz Onboard Processor
- True Flat Front Bezel Design and Grade 304 Stainless Steel Enclosure (Grade 316 for option)
- IP66/IP69K Rated with M12 Connectors
- Support Resistive Touch and Projected Capacitive Touch
- Touch on/off Button on the Side Edge for Hygienic Cleaning
- Support Ergonomic Versatile Mounting: Yoke Mounting / Space-saving VESA 100 x 100 mm Mounting

Specifications

| System | |
|----------------|--|
| CPU | Onboard Intel Celeron J6412(2.0 GHz) Processor |
| System Chipset | SoC |
| Memory | 1 x 260-pin SO-DIMM up to 32GB DDR4 3200MHz |
| TPM | TPM 2.0 |

| IO Port | |
|-------------------|--|
| USB | 1 x M12 8-pin for USB 2.0 with waterproof cover and chain |
| Serial / Parallel | 1 x M12 8-pin COM1, RS-232/422/485, default RS-232, with waterproof cover and chain |
| LAN | 1 x M12 8-pin for LAN with waterproof cover and chain |
| Others | 1 x Touch on/off button at the side |
| Power Connector | 1 x M12 3-pin for DC power with waterproof cover and chain 1 x Power switch on the rear |
| Option | 2 x optional blank M12 connector with waterproof cover and chain for selecting two from the following options: 2 x USB 2.0 1 x USB 3.0 1 x LAN (PoE for option) 1 x COM 1 x CAN |

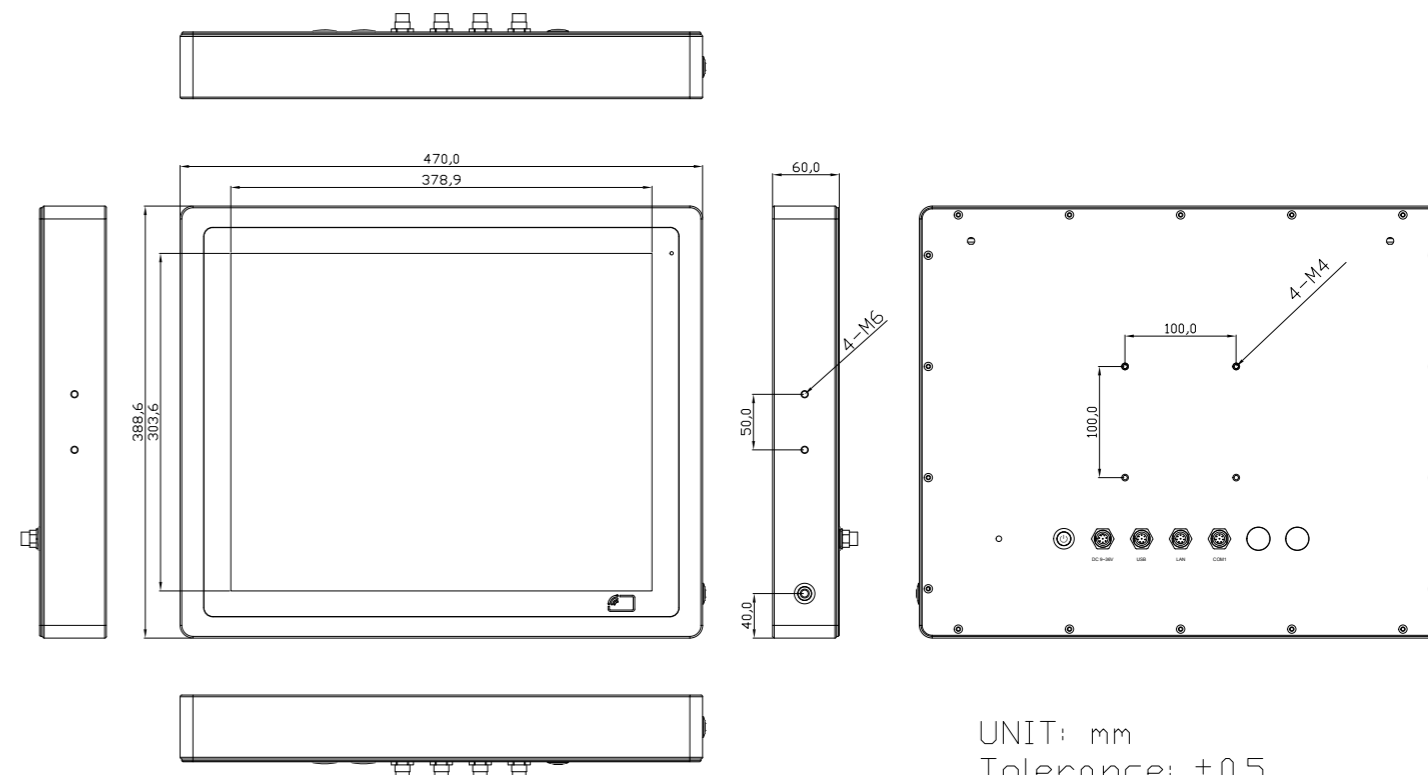
| Storage Space | |
|---------------|--|
| HDD | 1 x 2.5" SATA3 HDD |
| M.2 | 1 x M.2 B-Key(SATA 3), Support 2242 at default |

| Expansion | |
|----------------|---|
| Expansion slot | 1 x Mini-PCIe slot for 4G/5G module 1 x M.2 E-Key 2230 for WIFI/BT module 1 x Nano SIM slot |
| RFID module | RFID Module Design on the Front Side (for option) |

| Display | Standard | High Brightness Optional |
|--------------------------------|----------------|--------------------------|
| Display Type | 19" TFT-LCD | 19" TFT-LCD |
| Max. Resolution | 1280 x 1024 | 1280 x 1024 |
| Max. Color | 16.7M | 16.7M |
| Luminance (cd/m ²) | 350 | 1000 |
| View Angle | 170(H) /160(V) | 170(H) /160(V) |
| Contrast | 1000:1 | 1000:1 |
| Backlight Lifetime | 50,000 hrs | 50,000 hrs |

| Touch Screen | |
|-----------------------|---|
| Type | Resistive Touch (For BR model) Projected Capacitive Touch (For BP model) |
| Interface | USB |
| Light Transmission(%) | Resistive Touch : 80% Projected Capacitive : 90% |

Dimensions



UNIT: mm
Tolerance: ±0.5

| Power | |
|-------------------|-------------------|
| Power Input | DC 9~36V |
| Power Consumption | VITAM-819BP : TBD |

| Mechanical | |
|--------------|---|
| Construction | 304 Stainless steel chassis(default), 316 Stainless steel chassis(optional) |
| Mounting | VESA mount 100 x 100, Yoke mount for optional |
| IP Rating | Total IP66/IP69K |
| Dimensions | 470 x 388.6 x 60 mm |
| Net Weight | TBD |

| Environmental | |
|-----------------------|----------------------------------|
| Operating Temperature | 0~50°C / -20~60°C (option) |
| Storage Temperature | -30~70°C |
| Humidity | 10 to 95% @ 40°C, non-condensing |
| Certificate | CE/FCC Class A |

| Operating System Support | |
|--------------------------|--|
| Windows 10 IoT ENT LTSB | |