

P-V1989D-MT

19" IP65/IP69K Stainless Steel Panel PC

with Intel Pentium N4200 / Core i 8th. Gen. CPU



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Computer for Industry



Features /

- 19" New Generation Stainless Steel Panel PC
- Intel Pentium N4200/ Core-I 8th. Gen. Onboard Processor, Quad Core
- True Flat Front Bezel Design and Grade 304 Stainless Steel Enclosure (Grade 316 for Option)
- IP65/IP69K Rated with M12 Connectors
- Support Resistive Touch, Projected Capacitive Touch, and Glass
- Touch on/off Button on the Side Edge for Hygienic Cleaning
- Support Ergonomic Versatile Mounting: Yoke Mounting / Space-saving VESA 100 mm Mounting

Specifications

System

| | |
|----------------|--|
| Processor | Onboard Intel Pentium N4200 Processor, 2.5GHz, 4 Core, 2MB Onboard Intel Core i3-8145U Processor, 3.7GHz, 2 Core, 4MB Onboard Intel Core i5-8265U Processor, 3.9GHz, 4 Core, 6MB |
| System Chipset | SoC |
| System Memory | Onboard DDR 4L RAM Socket upto 16GB |
| RFID Module | RFOptional |

Outside I/O Port-Standard M12 I/O Connector on the rear

| | |
|-----------------|--|
| USB | 1 x M12 8-pin for USB 2.0 with waterproof cap |
| Serial/Parallel | 1 x M12 8pin for COM 1, RS-232/422/485, Default RS-232, with waterproof cap |
| LAN | 1 x M12 8pin for LAN with waterproof cap (2 x as Option) |
| Power | 1 x M12 3pin DC Power with waterproof cap 1 x Power Switch on the rear side |
| Others | mPCIe, M.2 free Socket to add on |
| Option | 2 x optional blank M12 connectors with waterproof cap for selecting two from the following options: 2 x USB 2.0 via Cable 1 x USB 3.0 via cable 1 x LAN via cable 1 x COM Port via Cable |

Storage Space

| | |
|----------------|--------------------|
| HDD | 1 x 2.5" HDD / SSD |
| Movable device | 1 x SD slot |

Expansion

| | |
|----------------|---|
| Expansion Slot | 1 x Mini PCIe slot for WIFI/BT (optional) |
|----------------|---|

| Display | Standard | High Brightness optional |
|--------------------------------|-------------------|--------------------------|
| Display Type | 19" color TFT LCD | 19" color 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) / 165(V) | 170(H) / 160(V) |
| Contrast | 1000:1 | 1000:1 |
| Backlight Lifetime | 50,000 Hrs | 50,000 Hrs |
| Option | Optical Bonding | Optical Bonding |

| Touch Screen | PCT | Glass |
|--------------------|---------------|----------|
| TS Control IC | Chip on tail | NA |
| Interface | USB interface | AR |
| Light Transmission | Over 90% | Over 90% |



Powered by **ASUS**

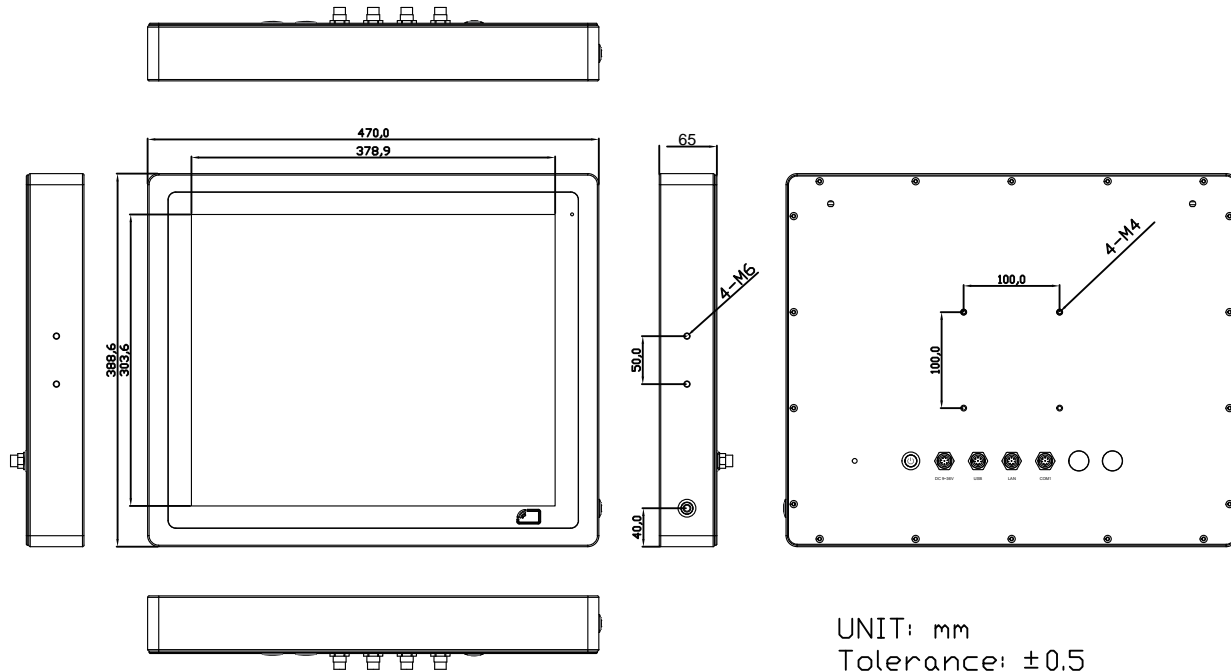
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Dimensions



Power

| | |
|-------------------|---------------------|
| Power input | 12~24V DC |
| Power Consumption | MAX:TBD(1998D-MT-3) |

Mechanical

| | |
|--------------|---|
| Color | 304 Stainless Steel Enclosure (Default) 316 Stainless Steel Enclosure (Optional) |
| Construction | Stainless steel enclosure |
| Mounting | VESA mount 100 x 100, Yoke mount |
| IP Rating | IP65/IP69K |
| Dimension | 470 x 388.6 x 65 mm |
| Net Weight | 12.5 Kg |

Environmental

| | |
|---------------------------|----------------------------------|
| Operating temperature(°C) | -20~50°C |
| Storage temperature(°C) | -30°C~70°C |
| Storage humidity | 10 to 90% @ 40°C, non-condensing |
| Certification | CE/FCC class A |

Operating System Support

Windows® 10 (64-bit) / Windows® 10 IoT Enterprise / Linux

Ordering information

| | |
|-------------|-----------------------------------|
| V1989D-MT-5 | 19"/ i5-8265U CPU, PCT Touch |
| V1989D-MT-3 | 19"/ I3-8145U CPU, PCT Touch |
| V1989D-MT-P | 19"/ Pentium N4200 CPU, PCT Touch |