

P-V1989G-MT

19" IP65/IP69K Stainless Steel Panel PC

with Intel Core i 11th. Gen. Tiger Lake UP3 CPU



ALPTECH
Computer for Industry



Features /

- 19" New Generation Stainless Steel Panel PC
- Intel Core-I 11th. Gen.Tiger Lake i3 / i5 Onboard Processor
- 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 Core i3-1115G4E CPU, up 3.9GHz, 2 Core, 6MB Onboard Intel Core i5-1135G7 CPU, up 4.2GHz, 4 Core, 8MB
System Chipset	SoC
System Memory	Onboard DDR 4L RAM Socket upto 64GB
RFID Module	RF (optional)
CAN Module	1 x CAN Bus Port (optional)

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" / mPCIe/ M.2 HDD / SSD
Movable device	1 x SD slot

Expansion

Expansion Slot	1 x Mini PCIe slot for WIFI/BT (optional)
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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	Resistive
TS Control IC	Chip on tail	NA	Chip on tail
Interface	USB interface	AR	USB interface
Light Transmission	Over 90%	Over 90%	Over 80%



Powered by **Gigabyte**

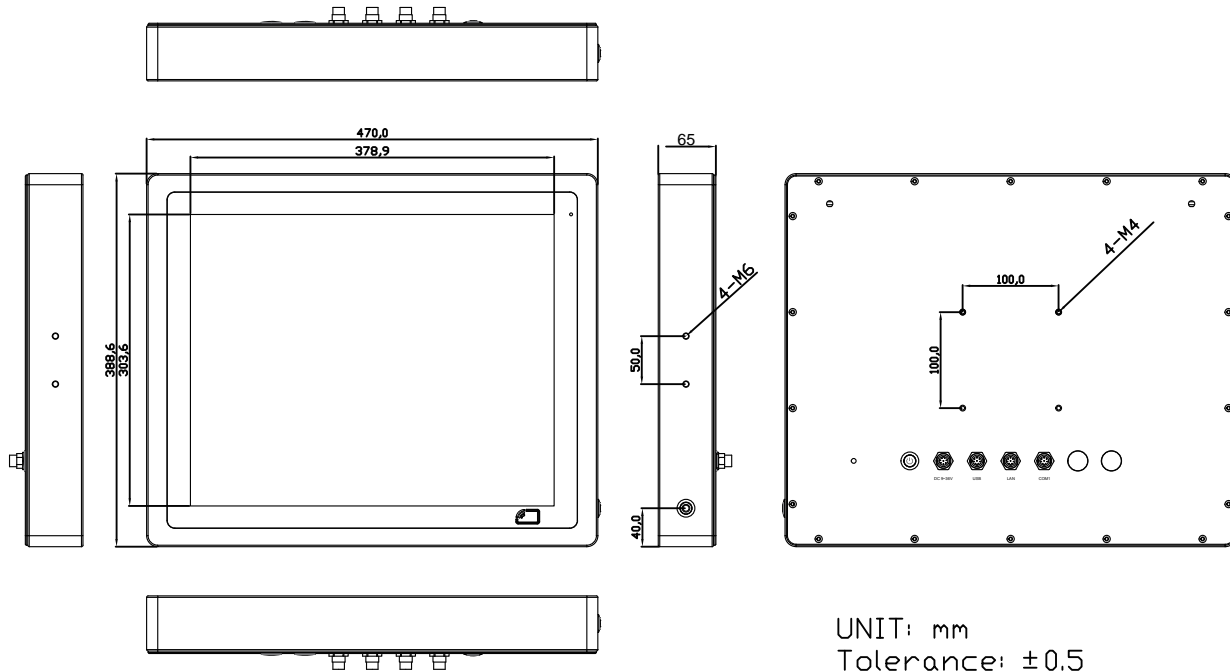
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Dimensions



Power

Power input	9~48V DC
Power Consumption	MAX:TBD(1998G-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)	-0~50°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
Windows 11 Pro, diverse Linux OS

Ordering information

V1989G-MT-5	19" i5-1135G7 CPU, PCT Touch
V1989G-MT-3	19" i3-1115G4E CPU, PCT Touch