

PT-M21WB-2500-G

21.5-inch LCD Fanless Stainless Panel PC with
Intel® Coffee Lake Refresh Processor

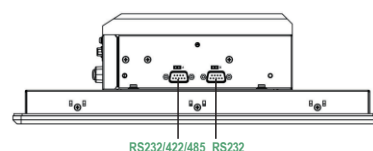
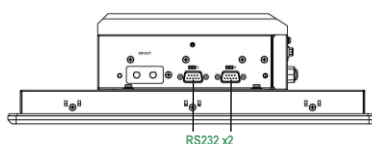
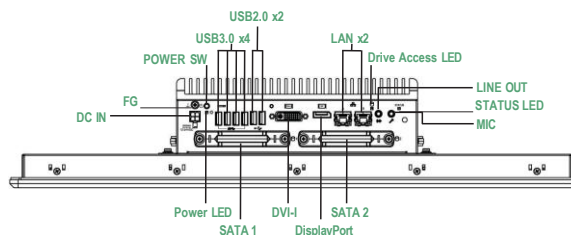


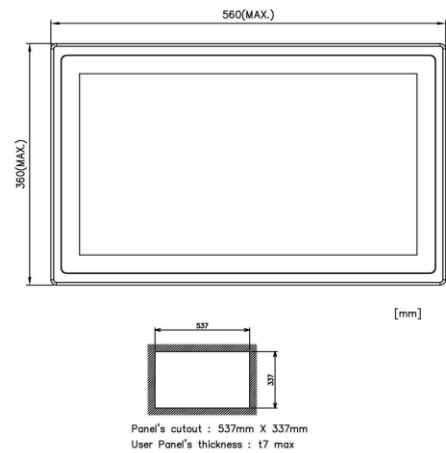
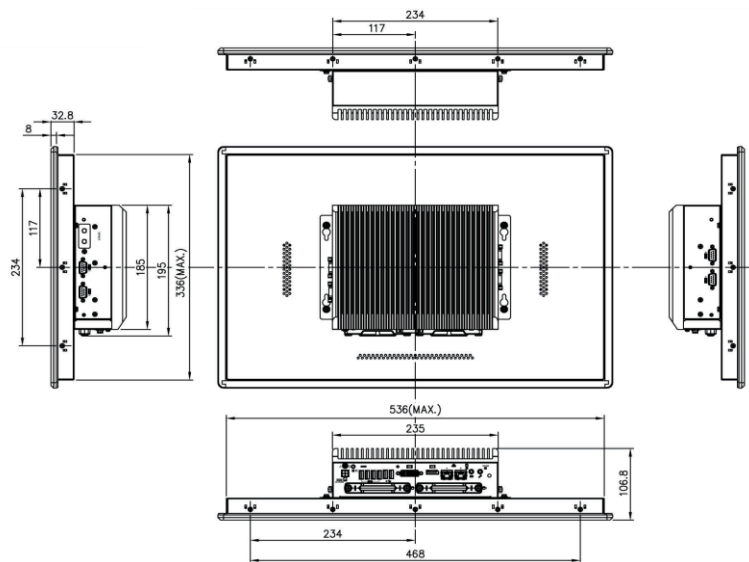
Features

- Compatible with Intel® 9th Coffee Lake Refresh Platform
- IP66 + Stainless front panel design
- CPU built-in high-performance graphics
- Adopt removable storage
- Extend peripherals freely rich interface

Optional Configuration

- DDR4-2666 Memory
- 2.5" HDD/SSD
- 16GB to 256GB M.2 key M 2242 SSD
- 120W/24V Power Supply
- VESA Mount (includes 6 VESA mount screws)
- Windows 10 IoT Enterprise LTSC 2019 (64bit)





Specifications

PT-M21WB-2500 Series

Model Name

CPU	9th Generation Coffee Lake Refresh Intel® Core™ i7-9700TE Processor 9th Generation Coffee Lake Refresh Intel® Core™ i5-9500TE Processor 9th Generation Coffee Lake Refresh Intel® Core™ i3-9100TE Processor 9th Generation Coffee Lake Refresh Intel® Celeron® G4900T Processor
OS support	Windows 10 IoT Enterprise 2019 LTSC (64bit)
Chipset	Intel® C246 Controller Hub
System Memory	DDR4-2666, 260-pin SO-DIMM x 2, Max. 32 GB (ECC support)
Graphics	CPU Integrated Intel® HD Graphics
Display interface	DP, DVI-I (DVI-D + VGA)
Storage Slot	2 x 2.5" SATAHDD/ SSD (Removeable Bay) 1 x M.2 support key M/B 2242 SSD Intel® I219-LM(PHY) + Intel® I210-AT (Wake On LAN Support)
Audio	Mic-in, Line-out
Super I/O	NUVOTON NCT6106D
Expansion Slot	1 x Full-Sized mini-PCI/e
Panel I/O Interface	1x Mic-in and Line-out 4 x USB 3.2 Gen 2 2 x USB 2.0 1 x 4 PIN power jack 1 x Software-programmable RS-232 / 422 / 485 ports 3 x RS-232 D-Sub 9pin port 1 x Power button TPM 2.0, RAID (0,1), iAMT(11.0)
Power Input	12~24V (±10%,DC10.8-26.4V) Wide Range DC Input with Terminal Block Connectivity
Power Adapter	AC to DC, DC 24V/5A, 120W Adapter
Mounting	Panel Mount/ VESA Mount 75x75 or 100x100 mm
Dimension (WxDxH)	560 x 106.8 x 360 mm
Bezel & Housing	#304 stainless front bezel, metal back cover and chassis
Net Weight	11.3 kg

LCD Panel

Display Type	21.5" TFT-LCD
Panel Ratio	16:09
Max. Resolution	1920 x 1080
Max. Color	16.7M (8bit/color)
Brightness	400 cd/m2
Viewing Angle	178° (H) x 178° (V)
LED Backlight	50,000 Hours
Contrast Ratio	1000:1
Response Time	8ms
Active Area	476.06 (H) x 267.79 (V) mm

Front Panel

Front Bezel	IP66-rated, #304 stainless front bezel
Touchscreen	10 point P-CAP Touch

Environmental

Operating Temperature	0°C~50°C with Air Flow: 0.7 m/s (with Standard Temp. SSD) 0°C~50°C with Air Flow: 0.7 m/s (with Standard Temp. HDD)
Storage Temperature	-10°C~60°C
Humidity	10%~90% RH (Non-condensation)
Floating dust Particles	Not to be excessive
Corrosive Gases	None
Line noise	AC line/± 2kV Signal line/ ±1kV (IEC61000-4-4 Level 3, EN61000-4-4 Level 3)
Static Electricity Resistance	Contact discharge/ ±4kV (IEC61000-4-2 Level 2, EN61000-4-2 Level 2) Air discharge/ ±8kV (IEC61000-4-2 Level 3, EN61000-4-2 Level 3)
Vibration Resistance	HDD (Operating): IEC 60068-2-6 10~50Hz/4.9m/s2 (0.5G); 1oct/min, 1 cycle (10-50 Hz); 5 cycles X, Y, Z per axis (25 mins/axis) SSD (Operating): 10~ 57Hz/0.075mm(0-p); 57~ 150Hz/19.6m/s2 (1G); 5 cycles X, Y, Z per axis (40 mins/axis)
Shock Resistance	IEC 60068-2-27 98m/s2 (10G)/ 11ms/ Half Sine; 3 times X, Y, Z per axis
Grounding	Class D Grounding, SG-FG/ Continuity
Certification	CE & FCC Class A

Ordering Guide

● PT-M21WB-2500-G604NA	21.5 inch PCAP Touch Panel PC with Intel® Core™ i7-9700TE, DDR4 8G Memory
● PT-M21WB-2500-G504NA	21.5 inch PCAP Touch Panel PC with Intel® Core™ i5-9500TE, DDR4 8G Memory
● PT-M21WB-2500-G404NA	21.5 inch PCAP Touch Panel PC with Intel® Core™ i3-9100TE, DDR4 8G Memory
● PT-M21WB-2500-G204NA	21.5 inch PCAP Touch Panel PC with Intel® Celeron® G4900T, DDR4 8G Memory