

PT-M17SB-2500-G

Touch Panel Computers

17-Inch Touchpanel PC with
Intel® 9th Coffee Lake-Refresh Platform

CONTEC Technology for a better life



FEATURES

- Intel® 9th Gen Core™ processor Coffee Lake-Refresh Platform
- Support up to DDR4-2600 Max 32GB (ECC support)
- Multi-display supported: 1 x Display port + 1 x DVI-I(DVI-D+VGA)
- Dual RJ-45 port supports 2 x Gbps (Wake On LAN Support)
- 2 x 2.5" SATA HDD/ SSD (Removeable Bay)
- IP65 Front Panel Protection

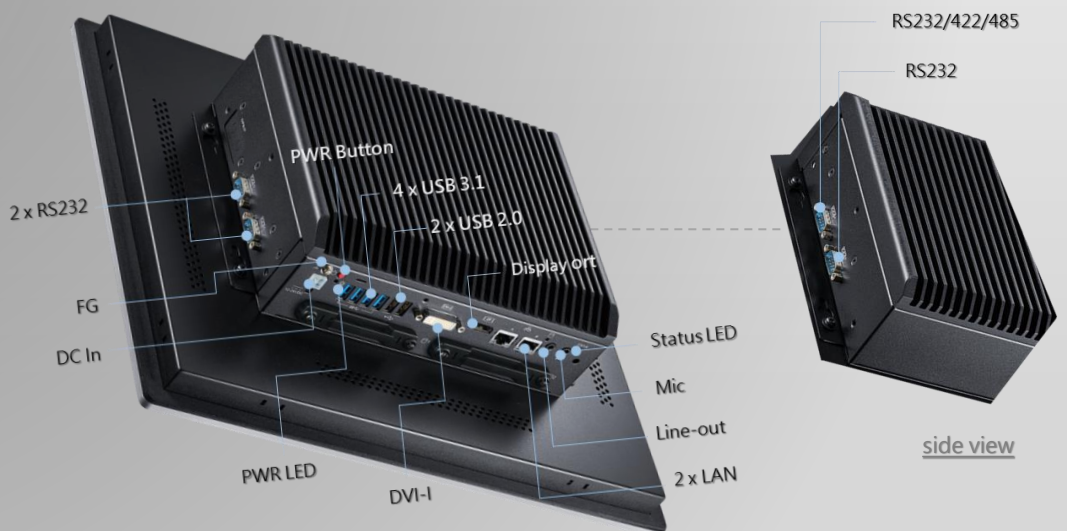
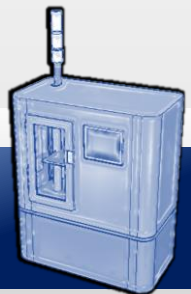
Social
infrastructure



Vending Machine
Ticketing Machine



Industrial
Automation
Systems

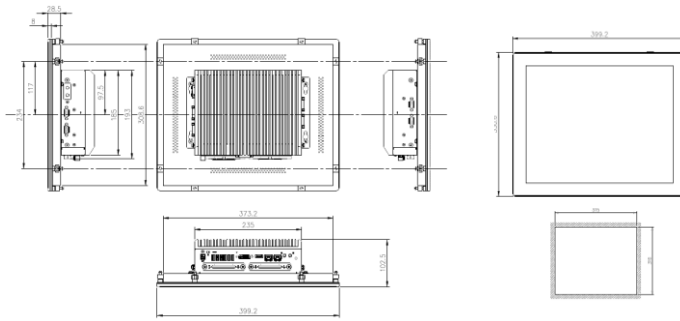


Model No.	PT-M17SB-2500 -G204	PT-M17SB-2500 -G404	PT-M17SB-2500 -G504	PT-M17SB-2500 -G604
CPU	Celeron® G4900T	Core™ i3-9100TE	Core™ i5-9500TE	Core™ i7-9700TE
Memory	8 GB ECC	8 GB ECC	8 GB ECC	8 GB ECC

<https://www.contec.com/>

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DIMENSIONS



[mm]

Panel's cutout : 375mm X 310mm +/-1mm
User Panel's thickness : t7 max



Specifications

PT-M175B Series	CPU	9 th Generation Coffee Lake-Refresh Intel® Celeron® G4900T/Core i3-9100TE / Core i5-9500TE / Core i7-9700TE Processor	
	Operation System	Windows®10 LTSC 2019 64 bit / Windows®11 23H2 64Bit	
	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" SATA HDD/ SSD (Removeable Bay) 1 x M.2 support key M/ B 2242 SSD	
	Ethernet	Intel® i219LM (PHY) + Intel® i210AT (Wake On LAN Support)	
	Audio	Mic-in, Line-out	
	Super I/O	NUVOTON NCT6106D	
	Expansion Slot	1 x Full-Sized mini-PCIe	
	Panel I/O Interface		1 x Mic-in and Line-out 4 x USB 3.2 Gen 2 (Type A connector) 2 x USB 2.0 (Type A connector) 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
		Power Input	TPM 2.0, RAID (0,1), iAMT(11.0) 12~24V (±10%,DC10.8-26.4V) Wide Rage 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)	399.2 x 330.6 x 102.5 mm (No protrusions)
Bezel & Housing	Aluminum front bezel, metal back cover and chassis		
Net Weight	9.6 kg		
LCD Panel	Display Type	17" SXGA Color TFT-LCD	
	Max. Resolution / Panel Ratio	1280 x 1024 / 5:4	
	Max. Color	16.7M (colors RGB 8-bits)	
	Brightness / Response Time	350 cd/m2 / 30ms	
	Viewing Angle	180° (H) x 180° (V)	
	LED Backlight / Contrast Ratio	50,000 Hours / 800:1	
Front Panel	Active Area	337.92 (H) x 270.33 (V) mm	
	Front Bezel	IP65-rated, Aluminum front bezel	
	Touchscreen	10-point P-CAP Touch	
Environmental	Operating Temperature*1	0°C~50°C with Air Flow: 0.7 m/s (with Standard Temp. SSD) 0°C~40°C with Air Flow: 0.7 m/s (with Standard Temp. HDD)	
	Storage Temperature	-10°C~60°C	
	Humidity	10%~90% RH (Non-condensation)	
	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	IEC 60068-2-6 HDD (Operating):10~50Hz/4.9m/s ² (0.5G); 1oct/min, 1 cycle (10-50-10 Hz); 5 cycles X, Y, Z per axis (25 mins/axis) SSD(Operating):10~ 57Hz/0.075mm(0-p); 57~ 150Hz/19.6m/s ² (1G); 5 cycles X, Y, Z per axis (40 mins/axis)	
	Shock Resistance	IEC 60068-2-27 98m/s ² (10G)/ 11ms/ Half Sine; 3 times X, Y, Z per axis	
	Grounding	Class D Grounding, SG-FG/ Continuity	
	Certification	CE / FCC / VCCI (class A) / UKCA , RoHS2.0	

Optional Configuration

- VESA mount kit
- 120W/24V Power Supply
- 2.5" HDD/SSD
- M.2 key M 2242 SSD
- Windows OS