



Model: PTSM05-X58

1. 12th Gen Intel® Alder Lake Core i5-1235U/ i7-1255U Processor (13th Gen i5-1335U/ i7-1355U by Request)
2. Supports dual GbE Ethernet LAN (Wake on LAN, PXE)
3. Support built-in WiFi or 4G/5G module full wireless Internet access (Optional)
4. Supports 2x serial COM RS232/RS485
5. Support dual display configuration by multiple interfaces: HDMI / VGA
6. Rich I/O: 1*HDMI + 1*VGA + 2*LAN + 4*USB3.0 + 4*USB2.0 + 2*Serial COM + 1*Audio + 1*MIC + 1*DCIN
7. High-quality pure all-aluminum alloy sealed and fanless design for dust/shock/anti-interference

System	
CPU	Intel® Alder Lake Core i5-1235U/ i7-1255U Processor
Memory	DDR5 SODIMM x1 (Maximum 32GB)
Hard Drive Capacity	128G SSD (256GB, 512GB, 1TB optional) 1* M.2 NVMe SSD
Graphics	CPU Integrated graphics Intel® Iris® Xe Graphics eligible
Audio	Integrated Realtek ACL 897 HD audio chipset
Network	2 x 10/100/1000Mbps LAN Realtek Gigabit LAN (Support Wake on LAN, PXE)
Wireless Network	1*M.2 E Key 2230 slot support WIFI 802.11B/G/N/AC + Bluetooth 5.0 (Optional)
I/O Ports	1*HDMI + 1*VGA + 2*LAN + 4*USB3.0 + 4*USB2.0 + 2*Serial COM + 1*Audio + 1*MIC + 1*DCIN
Operation System	Support Windows 10/11, Linux
Power Supply	
External Power Supply	AC to 100 - 240V
Working voltage	12~19V
Power consumption	80~120W
Enclosure	
Material	Full aluminum alloy anti-interference structure
Operating Environment	
Temperature Range	Operating: -20 to 70°C, Storage :-30 to 80°C
Relative humidity	5 ~ 95% RH @ 40°C, non-condensing
Packing Details	
Net weight	1kg
Gross weight	2kg
Product Dimension	193.9 x 127 x 57.2 mm
Packing size	340 x 110 x 285mm
Other	
Mounting	Embedded, wall-mounted
Certificate	CE, FCC, RoHS
Warranty	1 year

