

TP-7200-12

Pinnacle 12.1" Panel PC



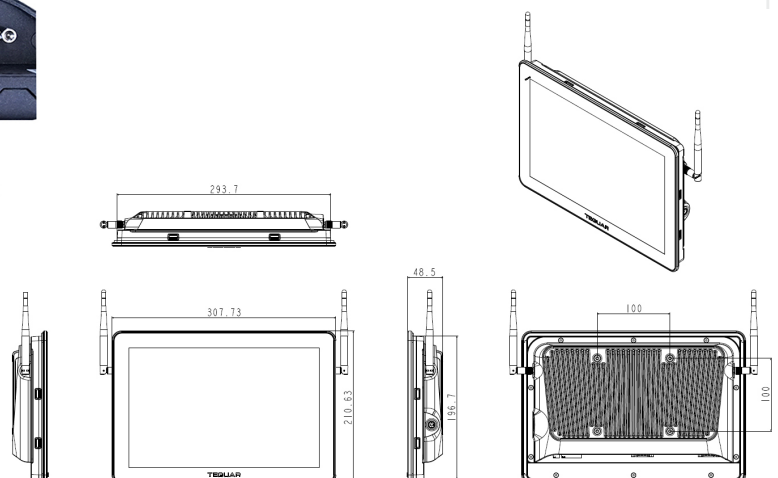
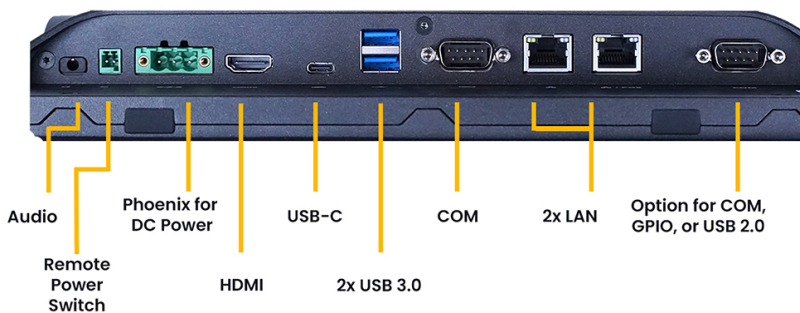
Key Highlights

- Latest Fanless 14th Gen Meteor Lake CPU
- 12.1" High Brightness Display
- Direct Bonded Touch
- USB-C, Digital IO, HDMI Ports, Dual M.2 NVMe
- Stunning Sleek Form Factor
- Solid Cast-Aluminum Housing
- Windows 11 Pro and IOT

SHOP PINNACLE

The TP-7200-12 is designed to exceed your expectations wherever it's needed. Its Core Ultra processor offers extremely high performance while maintaining durability with a fanless cooling design. If you need a step further in the speed and efficiency department, add a boost in the form of a compatible Hailo card. Pinnacle requires less installation space than traditional models and features a direct bonded display with precisely responsive touch and great visual clarity, with either PCAP or resistive touch options.

Inputs/Outputs and 2D Drawing



Technical Specifications

Primary Components		Power	
Processor Model	Intel Core Ultra 5 125U	Input Voltage Range	12~24V DC
Processor Speed	Up to 4.3GHz	Max Power Consumption	60W
Memory Type	1x DDR5 SO-DIMM	Standard Power Adapter	Optional 90W 3-Pin Terminal Block PSU (19V/4.74A), Optional 100W USB-C PD PSU
Memory Support	32GB	Dimensions / Weight	
Storage type	M.2 2280 NVME SSD, M.2 2242 NVME SSD	Weight	2.8kg
Storage Support	128GB~1TB	Dimensions	307x210x49mm
Display		Cutout Dimensions	295x198mm
Screen Size	12.1"	Operating Systems	
Resolution	1280 x 800 (WXGA)	Windows	Windows 11 IoT, Windows 11 Pro, Windows 10 IoT
Screen Ratio	16:10	Linux	Linux Ubuntu 24.04 or above
Brightness	500 nits	Enclosure	
Expansion		Ip Rating	IP65 Front Bezel
Other IO Ports	IO space reserved for customization. Can be 2nd COM, additional 2 USB 2.0 ports, or 8 pin GPIO/DIO	Mounting	Panel Mount, VESA 100 Mount
Other Specifications		Enclosure	Aluminum
Warranty	Up to 5 Years	Control Buttons	Power Button
Security Hardware	fTPM 2.0	Peripherals & Wireless Connectivity	
Certifications	CE, FCC	WiFi	Optional Wi-Fi 6E
Thermal and Environmental		BlueTooth	Optional Bluetooth 5.2
Operating Temperature	0°C – 50°C (32°F – 122°F)		
Storage Temperature	-20°C – 60°C (-4°F – 140°F)		
Cooling Solution	Passive Fanless with Heatsink		
Touch Screen			
Touch Screen	Projected Capacitive (Multitouch), Resistive		
External I/O ports			
USB	2x USB 3.2, 1x USB 3.2 Type-C (DP 1.4A)		
Video Outputs	1x DisplayPort via USB-C, 1x HDMI		
Serial	2x COM		
LAN	1x GbE and 1x 2.5GbE LAN, Optional PoE		
Audio	1x 3.5mm Audio Line-Out/Mic-in		
Power Input Port	3-Pin DC-In (Phoenix Type), Optional PoE, USB Type-C PD Input		

Specifications subject to change.

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