TEGUAR

TM-7200-24

Clarion 23.8" Medical All-in-one PC

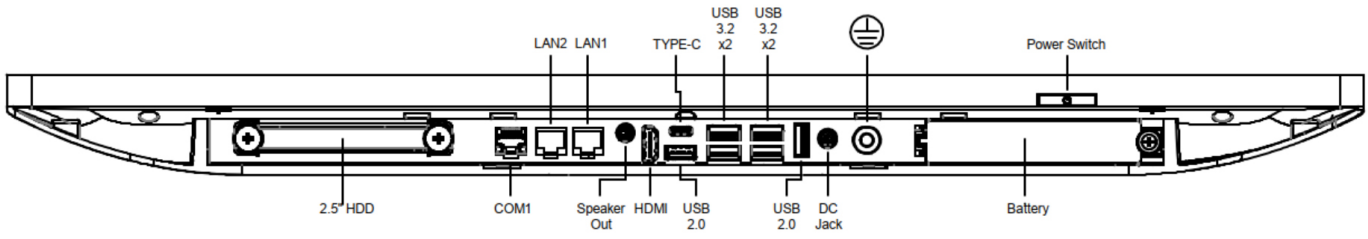


Key Highlights

- Intel® Core™ Ultra processors
- 23.8” Full HD Optical Bonded Display
- Total IP65 Front Panel
- Wide range DC 9~36V Power Input
- PCAP Touch with Anti-Glare Etching
- Fanless, Slim, & Lightweight Design
- Optional Backup Battery Pack

Feel and interact with a seamlessly elegant user experience with TM-7200-24 Clarion. The optical bonded 10-point touch display provides brighter brights and crisper colors. Take advantage of Clarion's 14th Gen Processor and all of the benefits it brings: AI Accelerating NPU, 12-Core CPU for strong multitask computing, and maximum efficiency with high-speed DDR5. Teguar makes this cutting-edge power possible in a fanless unit.

Inputs/Outputs



*POAG is an optional item.

Technical Specifications

Primary Components	
Processor Model	Intel Core Ultra 125U, Core Ultra 7 155U
TDP	15W
Memory Type	1x 262-pin SO-DIMM
Memory Support	Up to 32GB DDR5
Storage type	1x SATA-III, 1x M.2 M-Key 2280
Storage Support	128GB~1TB

Display	
Screen Size	23.8" Optical Bonded Display
Resolution	1920 x 1080 Full HD
Screen Ratio	16:9
Brightness	350 nits

Expansion	
Expansion	1x Mini PCIe (USB2.0, PCIex1) 1x M.2 E-Key 2230 for Wi-Fi/BT Module Potential Equalization Pin RFID

Other Specifications	
Security	TPM 2.0
Certification	CE/FCC Class A, IEC 61010-1, Energy Star

Thermal and Environmental	
Operating Temperature	0°C – 40°C (32°F – 104°F)
Storage Temperature	-20°C – 60°C (-4°F – 140°F)
Humidity Range	90% Non-condensing
Cooling Solution	Fanless

Touch Screen	
Touch Screen	Projected Capacitive (Multitouch) with Anti-Glare Etching

External I/O ports	
USB	1x USB-C, 4x USB 3.2, 3x USB 2.0
Video Outputs	1x HDMI
Serial	1x RS-232 by DB-9 Connector
LAN	2x Intel 2.5G LAN, RJ45 Connectors
Audio	2x 3W Speakers, 2x Built-in Microphones
Power Input Port	1 x 1 xΦ2.5 x 5.5 mm DC jack for power input

Power	
Input Voltage Range	9~36V DC
Power Input	19V DC (standard power adapter: 4.74 Amp AC/DC)

Accessory	
Accessory	Backup Battery Pack

Operating Systems	
Windows	Windows 10 IoT (64-bit) Windows 11 IoT (64-bit)

Enclosure	
Ip Rating	Total IP65 Front Bezel
Mounting	VESA Mount 100 x 100
Enclosure	Die-Cast Aluminum / Plastic

Peripherals & Wireless Connectivity	
WiFi	Supported via M.2 E-Key 2230
BlueTooth	Supported via M.2 E-Key 2230
GPU	Intel Graphics for Ultra 5 125U (1.85 GHz) Intel Graphics for Ultra 7 155U (1.95 GHz)
Camera	8MP Wide-angle front-facing Webcam

Dimensions / Weight	
Weight	8kg
Dimensions	581x350x44mm

Specs subject to change.

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