

# TM-7200-24

Clarion 23.8" Medical All-in-one PC

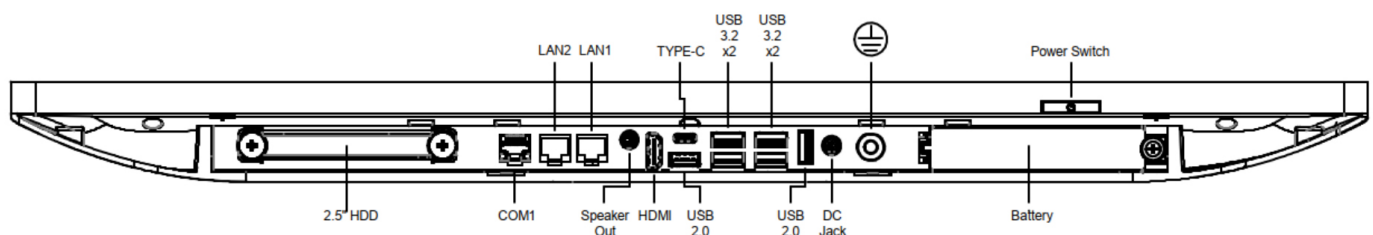


## Key Highlights

- Intel® Core™ Ultra processors
- Industrial-grade 23.8" TFT LCD
- Total IP65 Front Panel
- Wide range DC 9~36V Power Input
- Support Projected Capacitive Touch
- 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. Tegar 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"       |
| Resolution   | 1920 x 1080 |
| Screen Ratio | 16:9        |
| Brightness   | 350 nits    |

| Expansion |                                                                                                             |
|-----------|-------------------------------------------------------------------------------------------------------------|
| Expansion | 1x Mini PCIe (USB2.0, PCIe1)<br>1x M.2 E-Key 2230 for Wi-Fi/BT Module<br>Potential Equalization Pin<br>RFID |

| Other Specifications |                             |
|----------------------|-----------------------------|
| Security             | TPM 2.0                     |
| Certification        | CE/FCC Class B, IEC 61010-1 |

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

| Touch Screen |                                   |
|--------------|-----------------------------------|
| Touch Screen | Projected Capacitive (Multitouch) |

| 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)<br>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)<br>Intel Graphics for Ultra 7 155U (1.95 GHz) |
| Camera                              | 8MP Webcam                                                                               |

| Dimensions / Weight |              |
|---------------------|--------------|
| Weight              | 8kg          |
| Dimensions          | 581x350x44mm |

Specs subject to change.

USA  
Teguar International HQ  
Charlotte, NC  
+1 704-960-1761  
sales@teguar.com

EUROPE  
Teguar Europe AG  
Pfäffikon, Switzerland  
+41 41 561 53 11  
sales.EU@teguar.com

ASIA  
Teguar Taiwan Ltd.  
New Taipei City 221, Taiwan  
(R.O.C.) +886 2 7751 5319  
sales@teguar.com.tw

