e-medic™ Silence TP24P-PI





Hygienic. Powerful. Fanless.

The **e-medic™ Silence TP-24P-PI** is an all-in-one panel PC solution for medical environments such as hospitals, operating rooms, and medical practices. The system combines a PC, display, keyboard, and mouse in a 24“ housing and includes an LCD display and an Intel® Raptor Lake series (13th generation) processor.

The special heat pipe efficiently dissipates heat generated inside the housing without the need for moving parts such as fans.
In addition to its excellent hygienic properties, the In addition to its excellent hygienic properties, the **e-medic™ Silence TP-24P-PI** complies with current medical standards (EN60601-1 and EN 60601-1-2). This makes daily work in clinics and hospitals easier.

Upgrades and accessories available upon request.

Benefits:

- Intel® Raptor Lake
- 23,8“ FHD MVA panel
- P-Cap multi-touch
- Easy to clean
- White housing
- Fanless desig
- Front: IP65
- MS Windows 11 compatible

Technical data

e-medic™ Silence TP-24P-PI

Item number	2013490
Processor	Intel® i5-1335U (RaptorLake / 13. Gen.)
Processor cores	10 Core, 12 MB Intel® Smart Cache
Chipset	FCBGA1744
Graphics	Intel® Iris Xe Graphics
RAM	16 GB
Hard drive	128 GB SSD | 256 GB SSD
Compatible OS	Windows 10 Pro; Windows 11 Pro (not included in delivery)
Interfaces	4x USB3.2; 1 x Line-out & 1x Mic-in; 1x DP 1.4a; 1x HDMI 2.0, 1 x HDMI (video-in); 1x RS232/RS422/RS485; 1x RS-232; 2x LAN
LAN	2x RJ45 (1x 1.0 Gbps, 1x 2.5 Gbps)
WiFi / Bluetooth	WiFi 7 + Bluetooth
Controls	Projected onto the front (capacitive): Power on/off; Brightness; Volume; Backlight on/off; Clean me
Power supply	Medical, external,AC input 100~240V / 47 ~ 63 Hz / DC output 24V, 180W
Housing	**Front: Full flat design; Rear: Antibacterial plastic housing (MRSA) with PE Pin;**) Fanless, white
Dimensions	594 x 397 x 56 mm
Weight	Approx. 9.0 kg (without power supply/battery)
Assembly	VESA 100 / 100
Cooling system	Heatpipe / fanless
Temperature	**Operation: 0~40°C; Storage: -20~60°C**
Humidity	**Operation & storage: 10 ~ 90%, non-condensing**
IP protection class	Front: IP65 Rear: IPX1
Available options (not all can be combined)	Rear with IP54 protection class, 1x UPS battery (internally installed); 3x hot-swappa-batteries, WiFi 7 + Bluetooth; 5MP webcam; TPM V2.0 modules; RFID reade
Standards	CE: EN 60601-1-2:2015/A1:2021 (Ed.4.1); EN 60601-1:2006/A2:2021; IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601- 1:2005/AMD2:2020; RoHS, REACH; ISO 14971 / IEC62133

LCD Panel Specifications

Panel	23,8" wide TFT-Color LCD
Touch-Technologie	P-Cap Multi-Touch Panel
Resolution	1920 x 1080 (Full HD)
Contrast	3000:1 (typ.)
Brightness	250 cd/m² (typ.)
Number of colours	16.7M colours
Viewing angle	178(H) / 178(V)
Hardness	7H pencil, pressure 765 g/45°

RevA_01.2026 Technical changes and errors expected.