

e-medice™ Silence TP-22 13th Gen.



Hygienic. Powerful. Fanless.

The **e-medice™ Silence TP-22P** is a fanless all-in-one panel PC designed specifically for use in medical environments such as hospitals, operating theatres and doctors' surgeries. It combines a PC, display, keyboard and mouse in a compact 22-inch housing and is equipped with a high-resolution LCD display and a 13th generation Intel® processor (Raptor Lake series).

Thanks to heat pipe technology, the heat generated is dissipated efficiently and silently, so that the system can operate completely without a fan. The housing of the **e-medice™ Silence TP-22P** is easy to clean and complies with medical standards EN 60601-1 and EN 60601-1-2, ensuring a safe, hygienic and reliable working environment in clinics and doctors' surgeries.

Benefits:

- Intel® Raptor Lake
- 21,5" FHD MVA Panel
- P-Cap Multi-Touch
- Easy to clean
- White housing
- fanless design
- WiFi 7
- Front: IP65 Rear: IP54
- Weighs just 7 kg
- MS Windows® 11 ready

Technical data

e-medic™ Silence TP-22P

Item number	2013482
Processor	Intel® i5-1335U (Raptor Lake / 13. Gen.)
Processor cores	10 Core, 12 MB Intel® Smart Cache
Chipset	FCBGA1744
Graphics	Intel® Iris Xe Graphics
RAM	16 GB
Hard drive	256 GB SSD
Compatible OS	Windows 10 Pro; Windows 11 Pro (delivery not included)
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)
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 lat design; Rear: Antibacterial plastic housing (MRSA) with PE Pin; Fanless, white
Dimensions	541 x 353 x 56 mm
Weight	Approx. 7.0 kg (without power supply)
Assembly	VESA 100 / 100
Cooling system	Heat pipe / fanless
Temperature	Operation: 0~40°C; Storage: -20~60°C
Humidity	Operation & storage: 10 ~ 90%, non-condensing
IP protection class	Front IP65, rear IP54
Wifi / Bluetooth	WiFi 7 + Bluetooth
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	21,5" wide TFT-Colour LCD
Touch technology	P-Cap Multi-Touch Panel
Resolution	1920 x 1080 (Full HD)
Contrast	1000:1 (typ.)
Brightness	250 cd/m² (typ.)
Number of colours	16.7M colours
Viewing angle	178(H) / 178(V)
Hardness	7H pencil, pressure 750 g/45°