

e-medical™ Silence TP-24T-PI

24" fanless medical All-in-One Panel PC



The medical panel PC **e-medical™ Silence TP-24T-PI** impresses with a slim and **robust aluminum housing** that has been perfectly adapted to the medical environment.

Like all e-medical™ panel computers, this system avoids mechanical and protruding controls and is equipped with a high-quality, energy-efficient touch display. The special feature of the **e-medical™ Silence TP-24T-PI** is the completely dustproof and splash-proof housing with integrated power supply. In terms of reliability, features and performance, this panel PC meets the highest, normative and legal requirements and can be used in the patient environment. The **e-medical™ Silence TP-24T-PI** is Windows® 11 compatible and can be optionally personalized with a multitude of configurations.

Upgrades and accessories on request.

Benefits:

- Intel® Alder Lake i5-12600HE
- 23.8" FHD AHVA Diagnostic Panel
- P-Cap Multi-Touch
- Easy to clean
- Anti-bacteria Aluminum Housing
- Power Supply Inside
- Fanless Design
- IP65 Front / IP 54 w/ cable cover
- MS Windows® 11 ready



Technical Data of e-medical™ Silence TP-24T-PI

Part No.	2013035
Processor	Intel® i5-12600HE (Alder Lake / 12th Gen.)
Processor Core	12 Core, 18 MB Intel® Smart Cache
Chipset	FCBGA1744
Graphics	Intel® Iris Xe Graphics
RAM	16 GB
Hard disks	256 GB SSD
OS Support	Windows 10 Pro; Windows 11 Pro (OS not included in delivery)
Interfaces	4x USB3.2 gen II; 1 x Line-out & 1x Microphone-in (3.5mm phone jack); 1x Display Port 1.4a; 1x HDMI 2.0, 1 x HDMI (video-in); 1x RS232/RS422/RS485; 1x RS232; 2x LAN
LAN	2x RJ45 (1x 1.0 Gbps, 1x 2.5 Gbps)
WiFi / Bluetooth	WiFi 7 + Bluetooth
Operating Elements	Projected to the front, capacitive; Battery LED Indicator; Power; Menu/Exit; Brightness; Video-In LCD On/Off; Clean Me; Programmable Function
Power Supply	Internal, AC input 100~240V / 47 ~ 63 Hz / DC output 24V, 250W
Casing	Rear: Anti-bacteria Aluminum Housing with additional potential equalization pin; fanless
Dimensions	580 x 350 x 59 mm
Weight	approx. 11,2 kg
Mounting	VESA 100 / 100
Cooling System	Fanless
Temperature (operation)	0~35°C (IEC 60068-2-78)
Temperature (storage)	-20~60°C
humidity (operation)	10 ~ 90%, non-condensing
humidity (storage)	10 ~ 90%, non-condensing
IP protection class	Front IP65, Rear IP54 w/ cable cover
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 (by project) , VCCI: 2016-11, Class B FCC: Part 18 Class B, ISO 14971 / IEC62133 (by project) UL: AAMI ES60601-1:2005/(R)2012 and A1:2012/(R)2012 and A2:2021 (by project) cUL: CAN/CSA-C22.2 No. 60601-1:14) (by project)

LCD Panel Specifications

Panel	23.8" FHD AHVA (16:9)
Touch Technology	P-Cap Multi-Touch Panel
Resolution	1920 x 1080 (Full HD)
Contrast	3000:1 typical
Brightness	250 cd/m² typical
Number of Colors	16.7M colours
Viewing Angle	178(H) / 178(V)
Hardness Grade	6H pencil, pressure 750g/45°