

emedic™ Silence TP 6

24" fanless

All-in-One Panel PC



The emedic™ Silence TP 6 PC is an all-in-one panel PC solution for the medical area. The system combines PC, display, speaker and optional UPS in one casing. An energy efficient LED backlight display with a processor of the Intel® Core™ 6th Generation are combined in a completely closed 24" casing.

By means of the direct channel heatpipe the produced heat is led out of the casing interior, without using parts like ventilation fans. The energy saving MVA panel provides an especially high colour stability, even with lateral view angle, due to the arrangement of the liquid crystals in strips. Features like an additional web cam, bluetooth, an integrated WLAN antenna as well as PCI-e riser card, internal RFID reader, an UPS retrofit function individualize the system and are optionally available.

Upgrades and accessories on request.



## Technical Data

### i5

### i7

<b>Processor</b>	Intel® Core™ i5 2.3 - 3.3 Ghz	Intel® Core™ i7 2.4 - 3.4 Ghz
<b>Processor core:</b>	Quadcore, 6 MB SmartCache	Quadcore, 8 MB SmartCache, with Hyper Threading
<b>Chipset</b>	GL82Q170/ Intel® Q170	
<b>RAM</b>	32 GB max. 2 SODIM DDR4	
<b>Hard disks</b>	256 GB SSD / 128 GB SSD	
<b>Compatible OS</b>	Windows® 7; Windows® 8.1, Windows® 10 (not included in delivery)	
<b>Graphics</b>	Intel® HD Graphics 530 Direct X 12 onboard, with Video- and 3D acceleration, Triple View*	
<b>External Interfaces</b>	2x Display Port, DC in, 2x Analog Audio (Line-out, and Mic-in), 2x USB 3.1, 2x USB 3.0; 2x RS-232, 1x LAN	
<b>LAN</b>	1x RJ-45 Gigabit LAN	
<b>Expansion Slot</b>	1x PCI-e x16; 1x Mini PCI-e, M2. Type E x 1	
<b>Operating Elements</b>	Projected to the front, capacitive; Power on/off; brightness, volume; Backlight on/off; Touch on/off, reading light on/off	
<b>Power Supply</b>	Medical, external, 180 W, 90~264 V AC In, 12 V DC Out	
<b>Power consumption:</b>	TBD	
<b>Casing</b>	Front: full flat design; rear: antibacterial+ I/O Cover + with additional potential equalization pin; white; closed; fanless; incl. speaker	
<b>Dimensions (WHD)</b>	606x 398x 66 mm	
<b>Optional</b>	802.11 ac/b/g/n WLAN + Bluetooth 4.0; Battery pack (20-25 minutes operating); antibacterial desktop stand; Smart card reader or DVD or 2. HDD; WebCam; PCI-express x16; M-SATA Modul; FHD capture; RFID reader; 4 KV isolation (COM, LAN, USB)	
<b>Weight</b>	8.5 kg approx (without power supply unit)	
<b>Mounting</b>	VESA 100 /100	
<b>Cooling System</b>	Direct canal Heatpipe / fanless	
<b>Temperature (operation)</b>	0°C up to 35°C	
<b>Temperature (storage)</b>	-20°C up to 60°C	
<b>humidity (operation)</b>	10 % up to 90 % (not condensing)	
<b>humidity (storage)</b>	10 % bis 90 % (not condensing)	
<b>IP protection class</b>	IP65 – front	
<b>Standards</b>	FCC/CE/VCCI Class B, cULus Mark/UL 60601-1; EN 60601-1:2006/ Energy star 6.1 compliance ; cUL; CE; 60601-1-2:2015; EN 60601-1-2:2014, 61000-3-2:2014; 61000-3-3:2013 (ANSI/AAMI C63.4:2014, VCCI:2015-04 Class B; CE 93/42/EEC)	
<b>Item No.</b>	<b>2011435</b>	

\*external display required

## LCD Panel Spezifikationen

<b>Type</b>	23.8" LCD Panel with LED Backlight
<b>Touch technology</b>	Multitouch 10 finger, thin gloved hand or conductive stylus - projective capacitive
<b>Resolution</b>	1920 x 1080 (Full HD)
<b>Contrast</b>	3000:1 typical
<b>Brightness</b>	250 cd/ m <sup>2</sup> typical
<b>Number of Colors</b>	16.7 M
<b>Viewing Angle</b>	178° / 178°
<b>Response time</b>	20 ms typical
<b>Hardness display</b>	7H, Anti-Glare