

e-medice Silence TP

21.5" Fanless Medical Panel PC

available from May

Ideal for:

OR / Intensive care:	***
Endoscopy:	***
Diagnostic:	***
Viewing:	***
Patient environment:	***



- ▶ „All in One“ Panel PC with integrated speakers
- ▶ Class A++ TFT with LED Backlight
- ▶ low maintenance and energy efficient
- ▶ easy to clean, encapsulated casing with IP65 glass front
- ▶ Anti glare - Advanced Glare Protection



The e-medice Silence TP PC series is an „All in One“ Panel PC solution for the medical sector. The system combines PC, display, keyboard, mouse, speakers and UPS in a single enclosure.

Maintenance free, powerful, and fanless. These computer systems are ideally suited for long-term use in the patient environment and in hygiene sensitive areas. The e-medice Silence TP is very quiet, due to the fanless cooling over the 2 channel heat pipe cooling system. For stable performance recent Intel® Core™ i3 / i5 / i7-3rd generation technology is built into the completely closed housing. Equipped with multiple interfaces and optional isolated ports, this system is modern and versatile. The Silence TP can be upgraded with an internal lithium ion battery.

The PC could be shipped with the Windows 7 Professional and Windows XP downgrade option. Warranty can be extended up to 5 years.



Changes and errors excepted.

Rev. 5

e-medice Silence TP

Technical Data:	i3-3217U	i5-3317U	i7-3517U
Processor:	Intel® Core™ i3-3217U 1.8 GHz	Intel® Core™ i5-3317U 1.7 GHz (up to 2.6 GHz)	Intel® Core™ i7-3517U 1.9 GHz (up to 3.0 GHz)
Core:	Dual-Core, 3 MB cache, with Hyper Threading	Dual-Core, 3 MB cache, with Hyper Threading	Dual-Core, 4 MB cache, with Hyper Threading
Mainboard:	Intel® HM65		
Memory:	32 GB maximum, DDR3 SODIMM, 1066/ 1333MHz, Dual Channel		
Hard Disk:	1 x 500 GB; 1 x SSD optional (DoM)		
Graphics:	Intel® HD Graphics HD 4000 Direct X 11		
External Interfaces:	4 x USB 2.0; 2 x LAN; 1 x DVI -I; 1 x Line in; 1 x Line out; 1 x RS232; 1 x RS232,422,485		
insulated Ports (optional):	3 x RS232; 1 x LAN; 1 x USB		
internal Slots:	1 x PCIe x 16; 2 x Mini PCI-e		
Speaker:	2 x 1,5 Watt		
Control Keys:	Front side, projected capacitive type; Power on/off, Brightness, Audio volume, Backlight on/off, Touch on/off		
LAN:	2 x Gigabit LAN Marvell 88E8071		
Power adaptor:	External, 100 watts, 90~264 V AC in, 12 V DC out, medical grade, 2.4 m DC cable; DC Input connector with lock function		
Power consumption:	52 Watt (typical, without any add-ons)		
Case:	Front: Full flat design; Rear: antibacterial Plastic + I/O cover; Color: White		
Kensington lock:	Yes		
Dimensions (W x H x D):	540 x 375 x 78 mm (w/o stand)		
optional:	Bluetooth; WLAN b,g,n; RFID; lithium ion battery - 25 min.		
Weight:	7.0 kg (approximate, w/o power adaptor)		
Mounting:	VESA 75, VESA 100		
Cooling System:	2 channel heat pipe / fanless		
Temperature (Work):	0°C to 40°C		
Temperature (Stock):	-20°C to 60°C		
Humidity (Work):	10 % to 90 % (non-condensing)		
Humidity (Stock):	10 % to 90 % (non-condensing)		
IP rating:	IP65 – front side / IP53 - rear		
Standards:	FCC-B, cUL, CE, VCCI; Medical 60601-1 3rd edition (EN 60601-1:2006, ANSI/AAMI ES60601-1:2005, CAN/CSA C22.2 No. 60601-1:08)		
Warranty:	2 Years 3 Years (extra charge) 5 Years (extra charge)		

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LCD Panel specifications:

Type:	21,5" Class A++ TFT Panel with longlife LED Backlight
Touch Technology:	4 K HiRes resistiv touch, 5-wire high resolution 4096 x 4096
Resolution:	1920 x 1080 (Full HD)
Contrast:	1000:1 typical (static); 5000:1 dynamic
Brightness:	250 cd/ m² typical
Color numbers:	16.7 M
Viewing angle:	Wide View 170°/ 160° typical; 10 % deviation
Response time:	3,8/ 1,2 typical (Tr/ Td)
Hardness:	3H
LED Technik:	256 Hi-Bright White LED's (Edge 4 Way)
antireflection coating:	Yes, AGP Advanced Glare Protection

Art.No.:	2007544	2007539	2007545
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