

## e-medic 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 intergrated 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-medic 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-medic 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.















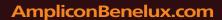
## e-medic Silence TP

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 PCle x 16; 2 x Mini PCl-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)			

## LCD Panel specifications:

Art No :	2007544	2007520	2007545
antireflection coating:	Yes, AGP Advanced Glare Protection		
LED Technik:	256 Hi-Bright White LED's (Edge 4 Way)		
Hardness:	3H		
Response time:	3,8/ 1,2 typical (Tr/ Td)		
Viewing angle:	Wide View 170°/ 160° typical; 10 % deviation		
Color numbers:	16.7 M		
Brightness:	250 cd/ m² typical		
Contrast:	1000:1 typical (static); 5000:1 dynamic		
Resolution:	1920 x 1080 (Full HD)		
Touch Technology:	4 K HiRes resistiv touch, 5-wire high resolution 4096 x 4096		
Type:	21,5`` Class A++ TFT Panel with longlife LED Backlight		

Rev. 5



IT and Instrumentation for Industry



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