

MEDICAL COMPUTER HARDWARE

e-medic™ Silence ST-M BTO

Powerful. Fanless. Medical computer.



The fanless **e-medic™ Silence ST-M** computers are high performance medical PC systems, which are ideally suited for the long-term use in hospitals and doctor's surgeries. The use of the modern Intel® Skylake platform guarantees a fast and extreme efficient system with an average of 30W. Powerful processors in combination with an especially developed 4 channel heat pipe provide high performance with lowest noise level. Functions like Bios MAC Address Display, iAMT (Intel® Active-Management-technology), TPM and Wake on LAN enable a high safety standard with remote maintenance and remote analysis possibilities.

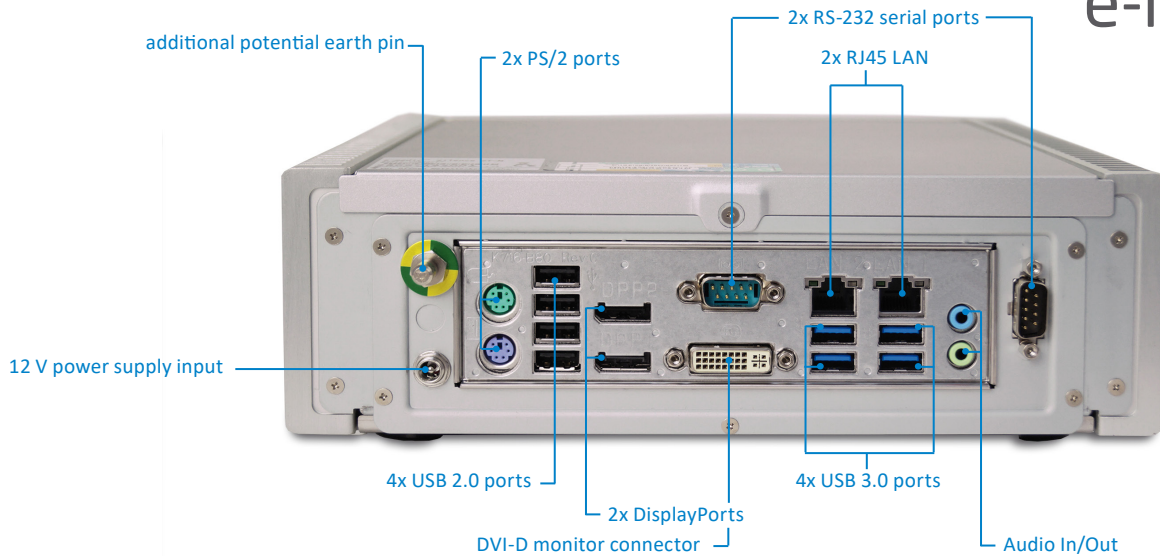
Ideal for:

Surgery/intensive care
Endoscopy
Diagnostics
Viewing
Patient environments



Advantages:

- › Easy to clean – maintenance-free, closed casing
- › Triple View – 3 monitors can be connected
- › Versatile – installation possible on wall, VESA-mounting or support arms
- › Small, compact and lightweight (4 kg)



Technical Data	i3	i5	i7
Processor	Intel® Skylake™ i3-6100T 3.2 Ghz, 3 MB Cache	Intel® Skylake™ i5-6500T 2.5-3.1 Ghz, 6 MB Cache	Intel® Skylake™ i7-6700T 3.6 Ghz, 8 MB Cache
Core	Dual-Core with Hyper Threading (HT)	Quad-Core	Quad-Core with Hyper Threading (HT)
Mainboard	Fujitsu® with Intel® Q170 Chipset		
RAM	32 GB max., DDR4-2133 MHz (2x RAM slot) Dual Channel		
Hard Disks	120 GB SSD / 256 GB SSD / 512 GB SSD / 500 GB HDD / 1 TB HDD / 2 TB HDD		
Graphics	Intel® HD Graphics 530 (Direct X12) internal GPU, max. Resolution 4096x2304 (4K), Triple View, Video and 3D acceleration		
Supported Operating Systems	Windows® 7 Pro Windows® 8.1 Pro Windows® 10 Pro (not included)		
External Interfaces	1x DVI-D, 2x DisplayPort, 4x USB 3.0, 4x USB 2.0, 2x PS/2, 2x RS-232, Audio In/Out		
LAN	2x RJ45 LAN: 1x Intel® i219LM / 1x Intel i210AT (10/100/1000mbit), iAMT, Wake on LAN		
Sound	Realtek ALC671 (HD Sound)		
Power Supply	external medical Power Supply 63 W		
Cooling System	4 channel heat pipe		
Housing	fanless, closed, aluminium / steel Mini-ITX, with additional potential earth pin		
Dimensions (WHD)	260x 85x 240 mm		
Weight	4 kg		
Temperature	+5°C up to +40°C (operating) -10°C up to +60°C (storage)		
Humidity	15 % - 85 % (operating, non-condensing) 5 % - 90 % (storage, non-condensing)		
Air Pressure	700 hPa - 1075 hPa (operating/ storage)		
Standards	CE, RoHS, EN 60601-1-2:2015; EN 55011:2009 + A1:2010; EN 61000-3-2:2006 + A1:2009 + A2:2009; EN 61000-3-3:2008; (DIN EN 60601-1 3.1 Edition - only power supply)		
Safety Functions	Infineon TPM V2.0, Bios MAC Address Display, Recovery BIOS, Serial- / USB Port Access Protection		
Production Standard	Manufactured in Germany according to ISO 9001		
Optional	DVD-RW Slot-In, WLAN, Bluetooth, Windows® 10 Pro, 3 years warranty, 5 years warranty		
Item No.:	2011375		