Medical hardware for highest expectations

e-medic™

e-medic™ Silence ST-M Coffee Lake BTO

Powerful, fanless Medical computer.

The fanless e-medic™ Silence ST-M computer is a high performance medical PC system, which is ideally suited for the long-term use in clinics, medical practices, laboratories or industry. The use of the modern Intel® Coffee Lake™ 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. The e-medic™ Silence ST-M Coffee Lake™ provides powerful graphics especially for modern communication media. So, this small Power-PC can stream 4K content smoothly to several screens simultaneously.
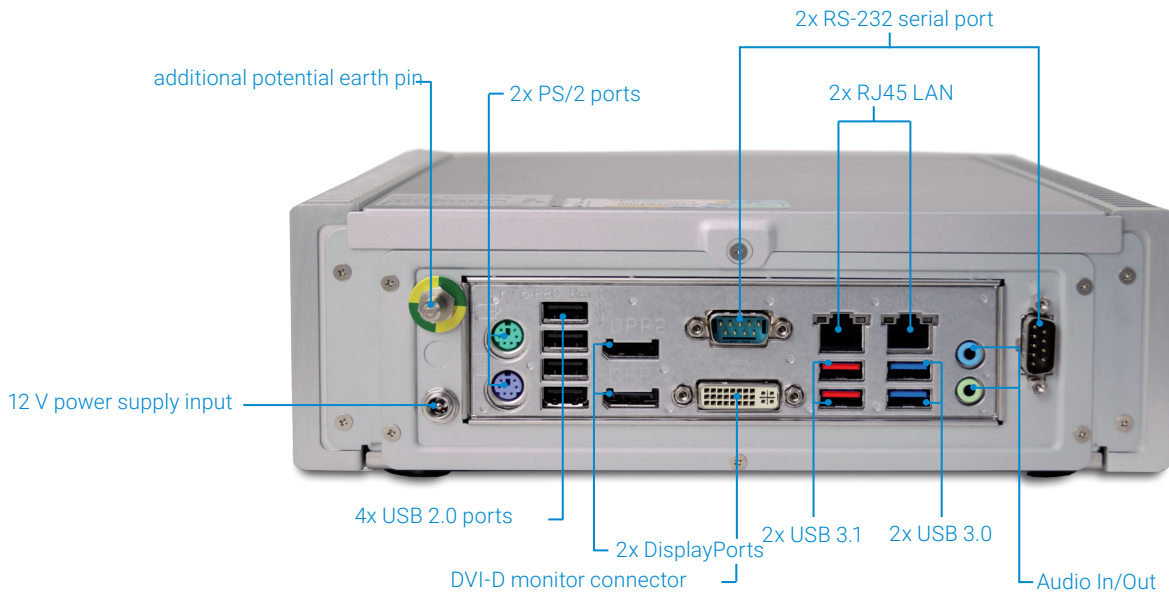
The PC can be ordered with Windows® 10 Pro and with a warranty of up to 5 years.

Ideal for:

OP/Intensivmedizin	✳ ✳ ✳
Endoskopie	✳ ✳ ✳
Befundung	✳ ✳ ✳
Betrachtung	✳ ✳ ✳
Patientenumgebung	✳ ✳ ✳

Benefits:

- Maintenance-free, closed casing
- Triple View - 3 monitors can be connected
- Versatile - installation possible on wall, VESA-mounting or support arm
- Small, compact and lightweight (4 kg)
- Long term availability
- Streaming of 4K content to multiple screens simutaneously
- Designed for 24/7 use

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2x RS-232 serial port
additional potential earth pin
2x PS/2 ports
2x RJ45 LAN
12 V power supply input
4x USB 2.0 ports
2x DisplayPorts
DVI-D monitor connector
2x USB 3.1
2x USB 3.0
Audio In/Out

Technical Data	i5	i7	
Processor	Intel® Coffee Lake™ i5 2.2-3.9 Ghz, 9 MB Cache	Intel® Coffee Lake™ i7 2.0 - 4.4 GHz, 12 MB Cache	
Core	Hexa-Core with Hyper Threading (HT)	Octa-Core with Hyper Threading (HT)	
Mainboard	Fujitsu® with Intel® Q370 Express Chipset		
RAM	32 GB max., DDR4-2666 MHz (2SO DIMM Socket) Dual Channel		
Hard Disks	120 GB SSD / 256 GB SSD / 512 GB SSD / 500 GB HDD / 1 TB HDD		
Graphics	Intel® UHD Graphics 630 onboard (Direct X12), 4K, Triple View		
Supported Operating Systems	MS Windows 10, Linux-64 (not included)		
External Interfaces	1x DVI-D, 2x DisplayPort, 2x USB 3.1, 2x USB 3.0, 4x USB 2.0, 2x PS/2, 2x RS-232, Audio In/Out,		
Internal Interfaces	USB 3.0, USB 2.0, USB 3.1 stick, RS-232, TPM, S/TDI 4x SATA3 (up to 6GBit/s), GPIO, LVDS, Backlight Inverter, rate SATA3 onboard: 0/1/5/10		
Extension Slots	1x Mini PCI Express Slot (halfsize / fullsize); 1x PCI m2SATA		
LAN	2x RJ45 LAN: Intel i219LM &i210AT with 10/100/1000 MBit/s,AMT 12.0/ vPro Support, Wake-on-LAN, BIOS MAC Address Display, Teaming Support		
Sound	Realtek ALC671, 5.1-channel, High Definition Audio Codec		
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, IEC 60601-1-2:2014 (4th Edition); EN 61000-3-2:2014; EN 61000-3-3:2013; (DIN EN 60601-1 - only power supply)		
Security Features	Recovery BIOS, System and BIOS Password, Boot Sequence Control, Serial-/ USB-Port Access Protection, Boot Sector Virus Warning, Write Protection for Flash BIOS, EraseDisk (BIOS Feature), TPM V2.0 (Infineon; TCG compliant)		
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.:	2012218		