e-medic™ Silence ST-M (14. Gen.)

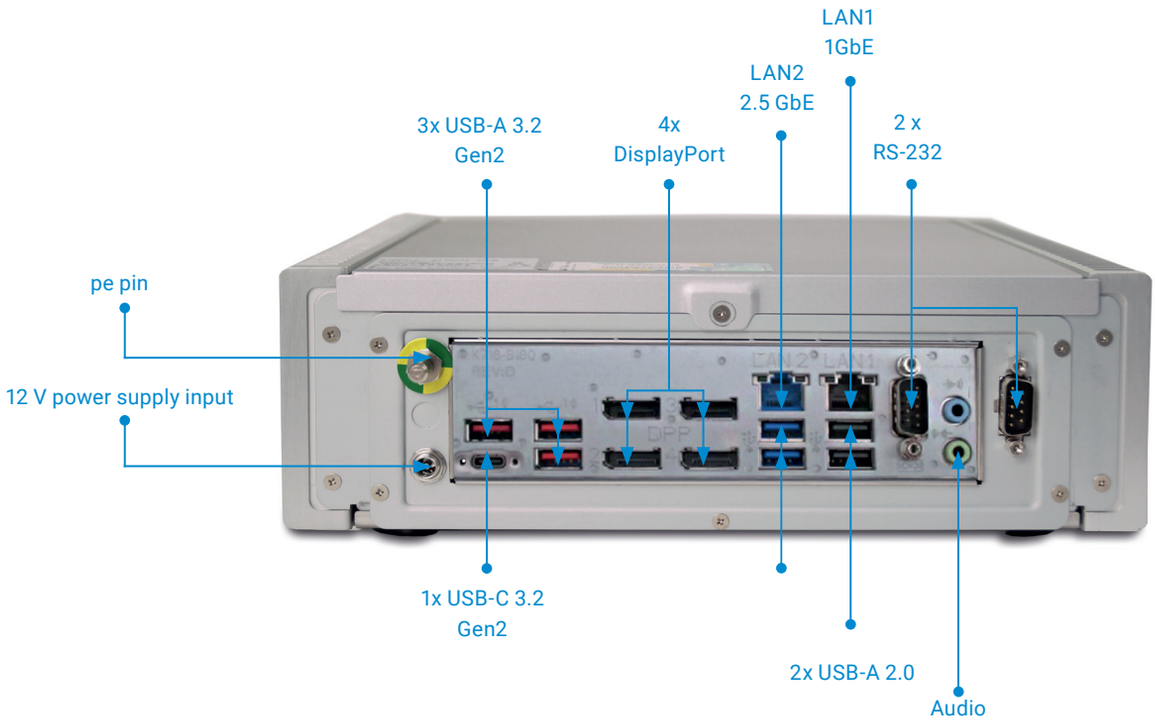


Powerful, fanless medical computer

The fanless **e-medic™ Silence ST-M** computer is a compact medical PC system that is ideally suited for long-term use in clinics, doctors‘ surgeries, in the laboratory or in industry. By using the modern Intel® Raptor Lake processors, a fast system has been created which, in combination with the specially developed 4-channel heatpipe, ensures high performance with the lowest noise level. Current imaging applications require powerful graphics, which the e-medic™ Silence ST-M Raptor Lake™ provides thanks to **Intel® UHD Graphics 770**.
This small box PC can therefore stream 4K content smoothly to several screens simultaneously. The PC can be ordered at with Windows® 11 Pro and a warranty of up to 5 years.

Benefits:

- 14th-generation CPU
- Maintenance-free, closed casing
- Quadruple View - 4 monitors can be connected
- Versatile - installation possible on wall, VESA-mounting or support arm
- Small, compact and lightweight
- Designed for 24/7 use
- Fanless



Technical Data

Processor	Intel® Core™ i5-14500T 24MB Smart Cache, up to 4.80 GHz	Intel® Core™ i7-14700T 33MB Smart Cache, up to 5.20 GHz	
Processor cores	14 Core	20 Core	
Mainboard	Kontron K3833-Q Mini-ITX, Intel® Q670E chipset		
RAM	8 GB	16 GB	32 GB
SSD	I256 GB m.2 NVME	512 GB m.2 NVME	1 TB m.2 NVME
Graphic	Intel® UHD Graphics 770		
Interfaces	1x USB-C 3.2 Gen2; 3x USB-A 3.2 Gen2; 2x USB 3.2 Gen1; 2x USB-A 2.0; 4x DisplayPort; 2x LAN; Audio; 2x COM (RS-232); integrated TPM V2.0;		
Options	Wifi + Bluetooth; warranty extensions (3 years; 4 years; 5 years)		
Compatible OS	Windows 11 (optionally available); Linux 64 (not included in the scope of delivery)		
Power supply	Medical 120 W desktop power supply; DC 12 V/8,33 A		
Cooling system	4 Kanal Heatpipe		
Case	Fanless, closed, aluminium/steel Mini-ITX, with additional potential equalisation		
Dimensions (LxWxH)	260x 85x 240 mm		
Weight	approx. 4 kg		
Temperature	+5°C to +40°C (in operation) | -10°C to +60°C (storage)		
Humidity	15 % - 85 % (in operation, non-condensing) | 5 % - 90 % (storage, non-condensing)		
Standards	CE, RoHS, EN 60601-1-2:2014 + AMD1:2020; CISPR 32:2019; (DIN EN 60601-1 - just supply)		
Manufacture	Made in Germany according to ISO 9001		
Item number	2013412		