e-medic™ Silence ST-M(b)



Small. Powerful. Fanless.

The latest **e-medic™ Silence ST-M(b)** Mini PC is our solution for all applications where you need dust and water protection. Thanks to the EPDM-sealed full metal housing, the e-medic™ Silence ST-M(b) is protected from 5 sides, according to IP65. In addition, the e-medic™ Silence ST-M(b) can be used in temperature environments from 0 to +45°C and a relative humidity of 90%. There is a pressure equalisation element to ensure tightness under all working conditions. The aluminium full metal housing is protected against electromagnetic interference (EMI) and the EPDM seal is made of electrically conductive material.
There is no appreciable ageing effect / many chemicals (including disinfectants) do not harm the housing or the seals. Last but not least, the e-medic™ Silence ST-M(b) is insensitive to mechanical vibrations and shocks: The processor is soldered down to the board and the RAM socket and the cable entries are mechanically protected.

Benefits:

- Intel i5 13th Gen. CPU
- Dust- and Waterproof from 5 sides according to IP65
- Fanless & quiet
- Windows 11 ready



Technical data

e-medic™ Silence ST-M(b)

Processor	Intel Core i5 13500 (@30WTDP)
Mainboard	GigaIPC H610A
RAM	16 GB DDR4 (max. 64 GB)
Hard drive	250 GB SSD (max.1TB)
Graphics	Integrated Graphics Processor-Intel® HD Graphics
Compatible OS	Windows 10 / 11 (IoT), Linux
External interfaces rear	2x USB 3.2 gen1, 2x USB 3.2 gen2x1, 2x RJ45 GLAN, 1x HDMI, 1x DP, 2x audio, 1x RS232, 1x RS232/422/485, 1x 12V DC-In (5.5x2.5mm barrel connector)
WLAN	Wifi 6 + Bluetooth
Power supply	Power in DC input 12 V / 100 W External power supply med
Cooling system	Heatpipe cooling system, sans ventilateur
Case	All-aluminum heat sink profile housing, black anodized, front panel natural anodized
Dimensions	218 x 222 x 77 mm
Mounting possibilities	VESA bracket & DIN rail DIN-/ Wall mounting bracket
Weight	2 kg
Temperature	0 - 40°C
Humidity	10 - 95%, non-condensing
Protection class	IP65 protection class on 5 sides (rear side without additional IP protection)
Standards	CE, RoHS, IEC 60601-1-2
Item no.	2013125

12.2023 Technical changes and errors expected.