MEDS-5000 is a medical grade compact system powered by 10th Gen Intel® Core™ high performance processor, featuring up to four Gigabit Ethernet ports, six USB 3.2 Gen 1 ports, dual 4K displays, and wireless connectivity support. As a high performance and thermal efficient platform, MEDS-5000 is an ideal medical IoT gateway solution suitable for healthcare applications.

FEATURES

- 10th Gen Intel® Core™ i3/i5/i7 Desktop Processor (Formerly Comet Lake-S)
- IEC 60601 medical compliance
- 1U compact chassis design
- Dual displays up to 4K resolution
- Supports up to 4x GbE LAN
- Thermal efficient with low dB fan integration
- Optional Wi-Fi & Bluetooth module

System

Processor	10th Gen Intel® Core™ i3/i5/i7 Processor (35W) in LGA 1200 socket
Chipset	Intel® H420 / Q470
Memory	2x DDR4 SO-DIMM 2400/2666 non-ECC memory up to 64GB
Storage	1x M.2 Key M 2280 SSD
H/W Status Monitor	- Temperature (CPU & System) - Voltage (CPU Vcore, 12V, 5V, 3.3V)
Operating System	Windows 10, Linux

I/O Interface

Serial Port	H420: N/A / Q470: 1x RJ45 connector with RS-232 signal
USB	6x USB 3.2 Gen 1 ports
Audio	1x Combo Audio jack
Ethernet	H420: 2x RJ-45 Gigabit LAN / Q470: 4x RJ-45 Gigabit LAN
Display	- 1x HDMI up to 4096 x 2160 resolution - 1x DP up to 4096 x 2160 resolution
DC Input	1x 12V DC Jack

Power Supply

Power Consumption	120W Max (12V/10A)
h Input	2.5mm DC-Jack AT 12V Power connector
Power Supply	AC to DC Adapter

Mechanical & Environmental

Operation Temperature	-5°C ~ 4 °C
Storage Temperature	-40°C ~ 70°C
Dimension	2 (W) x 20 (D) x 5(H) mm (1U)