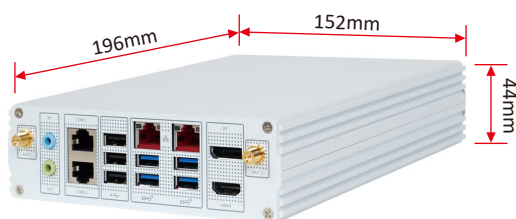


MES250

Fan-less & Compact Medical PC with 12th Gen Intel® Core™ Processor

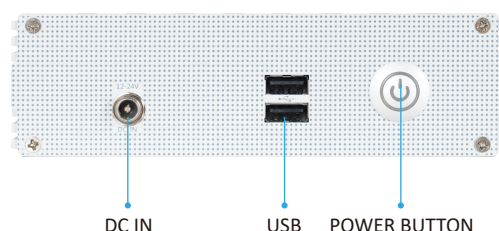


The MES250 is a high-performance fanless medical box PC powered by a 12 Gen Intel® Core™ i3/i5/i7 low-power processor and fast DDR5 memory. Designed for modern healthcare, it provides extensive connectivity with nine USB ports, two 2.5GbE ports, and dual M.2 sockets for Wi-Fi and NVMe SSD expansion. Its powerful graphics support dual displays, with DP offering up to a stunning 8K resolution. Fully compliant with IEC 60601-1-2 standards, the MES250 is the ideal platform for telemedicine applications. Serving as a quiet, reliable, and flexible medical equipment control platform and IoT gateway, it helps streamline workflows and significantly enhances patient care.

FEATURES

- 12th Gen Intel Core™ i3/i5/i7 processor
- Supports high speed DDR5 memory & NVMe
- DP 8K displays, dual 2.5GbE, 9x Type-A USB
- Fan-less and cable-less design
- 1U compact chassis
- Comply with IEC 60601-1-2 medical standards
- Optional Wi-Fi 6E & Bluetooth module

REAR I/O



System

Processor	12 th Gen Intel® Core™ i3-1215UE processor 12 th Gen Intel® Core™ i5-1245UE processor 12 th Gen Intel® Core™ i7-1265UE processor
Memory	2x DDR5 SO-DIMM 4800 up to 64GB
Storage	- 1x M.2 NVMe with PCIe x4 for SSD - 1x SATA 3.0
BIOS	AMI uEFI BIOS (SPI ROM)
Expansion	Optional 1x M.2 Key E 2230 Support Intel Wi-Fi 6E and Bluetooth Module

I/O Interface

Serial Port	2x RJ-45 COM ports
USB	- 4x USB 3.2 (Type-A) - 5x USB 2.0 (Type-A)
Audio	Realtek ALC 897 Audio Codec MIC In/Line-out
Ethernet	2x Intel I226LM With 2.5G Gigabit LAN
Display	- 1x HDMI® up to 4K resolution - 1x DP up to 8K resolution

Power Supply

Power Input	DC 12~24V DC input
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Mechanical & Environmental

Operation Temperature	-5°C ~ 40°C
Storage Temperature	-40°C ~ 70°C
Dimension	152(W) x 196(D) x 44(H) mm

