



MEDS-7040



AI Inference Engine

INFO

Designed for PICMG1.3 w/ one PCIe x16 half size slot for medical AI application. Support 120 W add-on card (graphic card/ VPU/ FPGA card support), compact design with sufficient I/O. Dedicated cooling fans for expiring the heat on the hot spots within the chassis

FEATURES

- Server grade Intel® Xeon processor platform
- PCIe x16 slot supports for add-on card
- 250W power supply
- Simple chassis assembly design
- Unique thermal solution

System

Processor	Socket LGA1151 for Intel Coffee lake Core™ i7/i5/i3®, up to 65W
Chipset	Intel® Q370/ C246
Memory	2* DDR4 SO-DIMM 2400/ 2666 memory up to 64GB
Storage	mSATA (half size)
H/W Status Monitor	Temperature (CPU & System) Voltage (CPU Vcore, 12V, 5V, 3.3V)
Expansion Interface	1x PCIe x16 slot (PCIe x16 Signal)

I/O Interface

USB	2x USB 3.0 ports
Ethernet	2x RJ-45 connector based on Gigabit Ethernet
Display	2x mini DP up to 4096x2304

Power Supply Unit

Power Input	250W ATX Power Supply
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Mechanical & Environmental

Operation Temperature	-5°C ~ 40°C
Storage Temperature	-40°C ~ 70°C
Dimension	170(W) x 246(D) x 148(H) mm
Cooler	1x 5500RPM CPU Cooler 1x 4010 System Fan

INTERFACE

