

MEDS-7061-8116 is based on 12th Generation Intel[®] Core[™]/Xeon[®] processors (Formerly Alder Lake-S), featuring three PCIe expansion slots including PCIe x16 slot for double-width add-on cards such as AI Accelerator/GPU/VPU/FPGA card, and PCIe x4/ x1 slots for other I/O cards such as LAN/USB/COM port card.

MEDS-7061-8116 is designed for medical AI applications with high performance and flexible expansion capability. The chassis compact design and I/O support can also be customized by request.

FEATURES

- 12th Gen Intel Core[™]/Xeon[®] processor up to 80W
- PCIe x16 slot supports GPU cards up to 300W
- Triple 4K displays, dual 2.5GbE LAN, 3x USB 3.2
- 500W medical grade power supply
- Easy chassis assembly & maintenance
- Integrated with unique thermal efficient solution
- Optional PCIe to 4x USB add-on card
- Optional Wi-Fi & Bluetooth module

ORDERING GUIDE

ASC-3066	(R).MEDS-7061-8116 MEDS-7061-8116 w/ i5-12500TE CPU, 8GB DDR5, 512GB 2.5" SSD, medical 500W Flex-ATX power, system fan
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System

Processor	12 th Gen Intel [®] Core [™] /Xeon [®] processors in LGA1700 socket
Chipset	Intel [®] R680E / Q670E
Memory	2x DDR5 SO-DIMM ECC/Non-ECC up to 64GB
Storage	- 2x 2.5" SSD - 1x M.2 Type M 2280
Expansion Interface	- 1x PCIe x16 slot - 1x PCIe x4 slot - 1x PCIe x1 slot - 1x M.2 Type E slot

I/O Interface

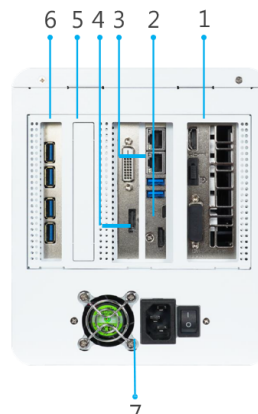
USB	- 2x USB 3.2(Gen2) ports - 1x USB 3.2(Gen2 x2) Type-C port
Ethernet	2x RJ-45 connectors based on 2.5 Gigabit Ethernet
Display	- 1x DVI-D up to 4096x2304 resolution - 1x HDMI up to 4096x2304 resolution - 1x DP up to 4096x2304 resolution

Power Supply

Power Input	500W medical grade Flex-ATX Power Supply
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Mechanical & Environmental

Operation Temperature	-5°C ~ 40°C
Storage Temperature	-40°C ~ 70°C
Dimension	175(W) x 403(D) x 204(H) mm
	- 1x 5500RPM CPU Cooler - 1x 120*120mm System fan



1. 1x PCIe x16 slot
2. 2x USB 3.2 Type A, 1x USB C
3. 2x RJ45 LAN
4. 1x HDMI, 1x DP, 1x DVI-D
5. 1x PCIe x4 slot
6. 1x PCIe x1 slot
7. 500W Medical Power Supply