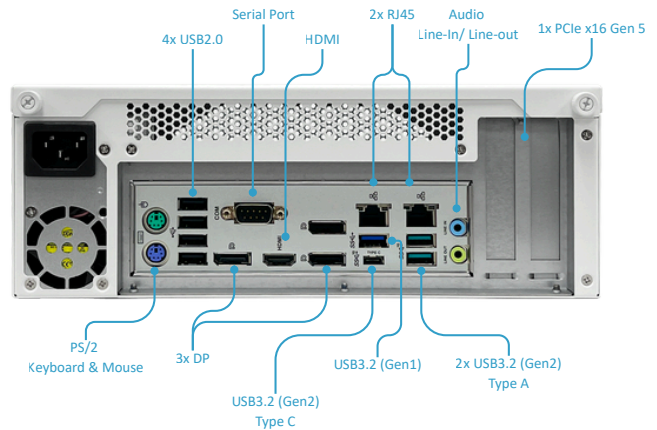
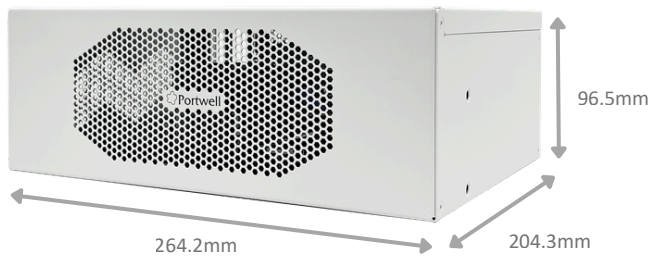


MEDS-A200

Medical Edge AI System powered by Intel® Core™ Series 2 and 14th/13th/12th Gen Intel® Core™ processors with option to build with NVIDIA RTX PRO™ 2000 Blackwell GPU



Engineered for next-generation clinical diagnostics, the MEDS-A200 edge AI system leverages Intel® Core™ Series 2 (codename Bartlett Lake) and 14th/13th/12th Gen Intel® Core™ processors to enable real-time data processing at the point of care. With support for NVIDIA RTX PRO™ 2000 Blackwell GPU and PCIe Gen5 x16, it delivers high-bandwidth throughput essential for AI-enhanced medical imaging, surgical robotics, and complex pathology analysis.

FEATURES

- Supports Intel® Core™ Series 2 processors (codename Bartlett Lake) for high-performance computing
- Dual SO-DIMM slots supporting DDR5 memory up to 96GB
- PCIe Gen5 x16 expansion slot, optimized for low-profile NVIDIA RTX PRO™ 2000 Blackwell GPUs
- Optional internal antenna support to maintain a sleek system profile

ORDERING GUIDE

| | |
|-------------|---|
| 500-26-0005 | (R).MEDS-A200-251TE SFF Edge AI System. Intel Core 7 Processor 251TE. 300W |
|-------------|---|

SYSTEM

| | |
|----------------------------|---|
| Processor | Intel® Core™ Series 2 and 14th/13th/12th Gen Intel® Core™ Processors in LGA1700 package |
| Chipset | Intel® Q670E |
| BIOS | AMI uEFI BIOS |
| Memory | - Supports dual-channel DDR5 SO-DIMM memory, up to 96GB - Supports DDR5 5600 MT/s (1DPC, 1R) and DDR5 5200 MT/s (1DPC, 2R) SO-DIMM memory on all Intel® Core™ i9, i7, and select i5 SKUs |
| Storage Devices | - Supports 4x SATA III ports - Supports RAID 0, 1, 5, 10 |
| Graphics Controller | Intel® UHD Graphics 770/730/710*; support DirectX 12, OpenGL 4.6/4.5*, OpenCL 3.0, Vulkan 1.4 *Depending on CPU SKU |
| Watchdog Timer | Programmable watchdog timer |
| Hardware Monitoring | System monitor(Voltage, Fan Speed and Temperature) |
| Expansion Interface | - 1x PCIe x16 Gen 5 - 1x M.2 Key E 2230 with PCIe x1 and CNVI for Wireless - 1x M.2 Key M 2242/2260/2280 with PCIe x4 and SATA3 |

I/O INTERFACE

| | |
|--------------------|---|
| Audio | Audio Jack with Line-out / Line-in with Realtek ALC897 |
| Ethernet | - Intel® I210AT (1GbE) and Intel® I225LM (2.5GbE) - 2x RJ45 connectors on rear I/O |
| Serial Port | - 1x RS232/422/485 port |
| USB | - 3x USB3.2 (Gen2) (2x Type A + 1x Type C) - 1x USB3.2 (Gen1) - 4x USB2.0 |
| Display | - 3x DP - 1x HDMI |

MECHANICAL & ENVIRONMENT

| | |
|--------------------|--|
| Form Factor | Mini-ITX |
| Dimension | 264.2mm x 204.3mm x 96.5mm 10.4" x 8.04" x 3.8" |
| Power Input | 300W ATX PSU |
| Weight | 2.4kg (5.3 lbs) |

*All information provided is subject to change without notice. Last updated: June 8, 2026

