

High-Performance Workstation for Demanding HPC Tasks



Advantech ASMB-807+HPC-7000

ADVANTECH × intel ai

Powerful Intel® Xeon® W workstation with Gen5 expandability for HPC and AI

Enterprises today face rising demands for complex simulation, AI, and engineering workloads that exceed the limits of standard workstations. Advantech's HPC-7000+ ASMB-807 solves these challenges with Intel® Xeon® W processors and DDR5 RDIMM memory, delivering the speed and reliability needed for high-performance tasks. With PCIe Gen5 slots, the system supports multiple GPUs and high-speed expansion cards to accelerate AI and HPC applications. An industrial-grade design guarantees stable performance across a wide operating range. Advantech's workstation combines scalability, reliability, and expandability, enabling businesses to reduce project cycles, enhance productivity, and stay competitive in data-intensive industries. HPC-7000+ASMB-807 integrates Intel® Xeon® W processors, DDR5 memory, and PCIe Gen5 expandability to power AI, simulation, and engineering workloads. With flexible storage, industrial-grade reliability, and rich connectivity, it delivers a scalable and durable workstation solution that boosts productivity and keeps businesses competitive.

Scalable, durable workstation featuring DDR5, PCIe Gen5, and storage flexibility for demanding workloads

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



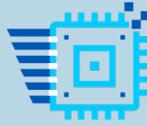
Intel® Xeon®
Processors



Intel® Arc™
Graphics

Key Features

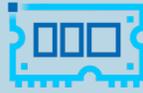
Empowered by Intel.



Workstation-Grade CPU



PCIe Gen5 Expansion



High-Speed DDR5



Flexible Storage I/O

Advantech ASMB-807+HPC-7000



Product Specifications

CPU	Intel® Xeon® W processor
Graphics	Intel® Arc™ graphics
Memory	DDR5 RDIMM 4800/5200/5600 (W-3500/2500) and 4400/4800 (W-3400/2400)
Storage	8 x SATA 3 and 2 x M.2 connectors (PCIe x4)
LAN	10GbE
Operating Temp.	0 ~ 40°C
Dimension (W x D x H)	267.1mm x 500mm x 458 mm
Weight	15.5kg
OS	Windows10, Windows 11, Windows Server 2022, RedHat 9.3, Ubuntu 24.04 LTS

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