

Scalable AI Workstation Tower for Professional Computing



HPC-7000+ASMB-808

Compact, Expandable AI Tower Powered by Intel® Xeon® 6

AI is penetrating into industrial and professional work environments, where high-performance computing is needed with the flexibility to run demanding workloads locally. The ASMB-808 motherboard paired with the HPC-7000 tower delivers a high-performance and expandable platform for AI development, engineering simulation, 3D visualization, and professional content creation.

Powered by Intel® Xeon® 600 processors with up to 350W TDP and the Intel® W890 chipset, the ASMB-808 platform delivers powerful CPU performance for compute-intensive applications. Seven PCIe Gen 5 x16 slots provide extensive expansion capacity for multiple high-end GPUs and accelerators, while eight SATA ports and two M.2 slots enable flexible storage configurations.

Supporting up to three Intel® Arc™ Pro B60 GPUs, the platform delivers scalable GPU acceleration for AI inference, professional visualization, and other demanding workloads—all in a flexible tower form factor designed for performance, expandability, and local AI computing.

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Xeon® 600
Processors



Intel® W890
Chipset



Intel® Arc™
Graphics



***Scalable Edge
AI workstation
featuring DDR5,
PCIe Gen 5, and
storage flexibility
for demanding
workloads.***

Key Features

Empowered by Intel.



High-End
Workstation-Class
CPU



High-Speed
DDR5



Seven PCIe
Gen 5 x 16
Expansion



Flexible
Storage I/O

Advantech HPC-7000+ASMB-808



intel ai

Intel® AI Edge Systems

Product Specifications

CPU	Intel® Xeon® 690/670/650/630 processor
Graphics	Support discrete GPU configurations: (3pcs) Intel® Arc™ Pro B60 Graphics
Memory	8 x DDR5 6400 MHz RDIMM up to 2TB, also supports MRDIMM
Storage	8 x SATA 3.0 (6 Gb/s) via 2 x SlimSAS
LAN	Dual 2.5GbE, Dual 10GbE
Operating / Storage Temp.	0°C ~ 60°C / -40°C ~ 85°C
Dimension (W x D x H)	267.1mm x 458mm x 500mm
Weight	12KG
OS	Windows® 11 (64-bit)

Learn More

[Advantech HPC-7000+ASMB-808](#)

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