

Tower GPU Workstation with Intel® Core™ Processors (Series 2) with P-cores



iHPC100



Rugged, High-Performance Workstation Delivering Advanced Industrial Edge Power

The Axiomtek iHPC100 is an elite industrial workstation engineered to bridge the critical gap between Edge AI and heavy-duty simulation. Designed for the most data-intensive workloads, it leverages the formidable Intel® Core™ processors (Series 2) with P-cores architecture combined with high-speed memory and PCIe Gen5 expandability for unmatched multi-GPU acceleration.

Whether you are deploying large-scale AI inference, complex engineering simulations, or real-time vision processing, the iHPC100 provides the raw throughput and industrial-grade reliability required for 24/7 operations. Featuring high-bandwidth connectivity and flexible storage, it allows enterprises to consolidate fragmented AI workloads into a single, scalable platform. By streamlining hardware infrastructure, the iHPC100 reduces operational complexity and slashes TCO, empowering you to maximize productivity in the world's most demanding mission-critical environments.

**High-performance
industrial
workstation
built for Edge AI,
heavy simulation,
scalable multi-GPU
power, and 24/7
mission reliability.**

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™
Processors



Intel® Arc™
Graphics



OpenVINO™
Toolkit

Key Features

Empowered by Intel.



Scalable Performance



Multiple Accelerator Card Support



PCIe Gen5 Expansion



Flexible I/O Options

Axiomtek iHPC100



intel ai

Intel® AI Edge Systems

Product Specifications

CPU	LGA1700 socket Intel® Core™ processors (Series 2) with P-cores
Graphics	Intel® UHD Graphics
Memory	Four 288-pin DDR4-3200 ECC/non-ECC unbuffered Long-DIMM, up to 128GB
Storage	1 x M.2 Key M 2280 & 4 x SATA
Wireless Network	By minicard slot
LAN	2 x LAN
Operating / Storage Temp.	0°C ~ 40°C / -20°C ~ 60°C
Dimension (W x D x H)	462mm x 330mm x 196mm
Weight	16kg
OS	Linux: Ubuntu 20.04 & Windows® 11
I/O Options (Input/Output)	USB 3.2 Gen 2, SATA 3.0, GbE and 2.5GbE LAN, VGA, DisplayPort++, DVI-D, and HDMI

Learn More

[Axiomtek iHPC100](#)

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