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“ Eight dual-slot GPUs in a high-density 4U compute server ”

AHGPI | ESC8000-E12P H200/RTX PRO 6000/4500 Blackwell

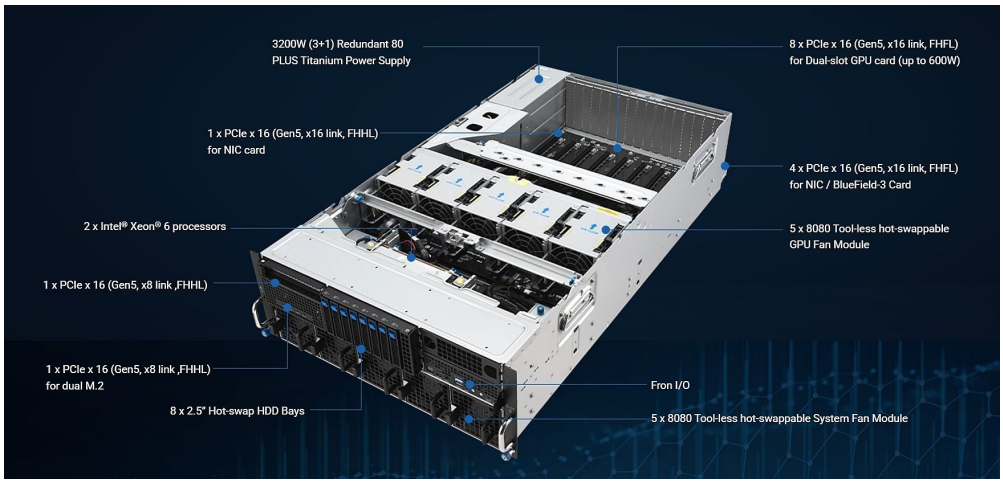
Let Hyperscalers meet your bespoke requirements.

Start customizing your AHGPI today!

- 4U dual-processor server powered by AMD EPYC™ 9005/9004 CPUs
- Built on the NVIDIA® MGX server architecture
- Supports up to 8 dual-slot GPUs
- Compatible with NVIDIA® H200 GPUs
- Compatible with NVIDIA RTX PRO™ 6000/4500 Blackwell Server Edition GPUs
- Up to 32 DIMM memory slots
- 5x PCIe® 5.0 expansion slots
- 8x 2.5" NVMe drive bays

AHGPI

Powered by Xeon 6 dual-processors, AHGP delivers exceptional performance, featuring top-tier GPUs, faster GPU interconnects, and higher-bandwidth fabric. This powerhouse server supports up to eight dual-slot GPUs, either active or passive, and offers flexible scalability with options for NVIDIA® NVLink® Bridge. This configuration allows seamless scaling and performance enhancement, making AHGPI an ideal choice for tackling the most Enterprise AI and HPC tasks.



About Hyperscalers

- **World’s First Open OEM**
- **Free Of Proprietary Software Lock-Ins**
- **Free Of Proprietary Hardware Lock-Ins**

US Stock

Full US Warranty

100% Channel Distributor

Metro Delivery 1-4 Days

Scale with ease and flexibility using MGX architecture

The AHGP advances AI infrastructure with NVIDIA® MGX™, an open, modular reference architecture designed for long-term scalability and future-ready compatibility. Supporting up to 160 configurable design options, it enables tailored deployments for AI and high-performance computing workloads. MGX redefines modular server design by improving ROI, accelerating deployment, and helping businesses adapt quickly to evolving AI demands.

AHGPI |ESC8000-E12P H200/RTX PRO 6000/4500 Blackwell Specifications

Processor	2 x LGA 4710 sockets Intel® Xeon® 6500/6700 processors Up to 350 TDP
Form Factor	4U
Dimensions	W x H x D (mm): 800mm x 439.5mm x 175mm W x H x D (inch): 31.5" x 17.3" x 6.9"
Memory	**Total Slots:** 32 (8 channel per CPU, 16 DIMM per CPU) **Capacity:** Maximum up to 4TB **Memory Type:** DDR5 6400/5600 RDIMM **Memory Size:** 128GB, 96GB, 64GB, 32GB RDIMM
Expansion Slot	**Rear:** 8 x PCIe x16 for dual-slot GPU cards (Gen5 x16 link, FH/FL) 5 x PCIe x16 for NIC/BlueField-3 cards (Gen5 x16 link, FH/HL) **Front:** 1 x PCIe x16 (Gen5 x8 link, FH/HL)
Switch/LED	**Front:** 1 x Power switch/LED 1 x Location switch/LED 1 x Message LED 1 x Clear CMOS switch 1 x Reset Switch 2 x M.2 LEDs 2 x LAN LEDs 1 x Q-code/Port 80 LED **Rear:** 1 x Power switch/LED 1 x Location switch/LED 1 x Message LED

Storage	8 x 2.5" Front Hot-swap Storage Bays (Backplane supports up to 8 x NVMe) 2 x M.2 socket (Gen 5 x4 link, up to 22110)
Weight	**Net Weight:** 42 Kg **Gross Weight:** 44.23 Kg
Power Supply	3+1 redundant 3200W 80 PLUS Titanium power supply 220-240 Vac, 16A (x4) 50/60Hz
Front I/O Ports	1 x Mini DisplayPort 2 x USB 5Gbps ports 1 x Debug port
Rear I/O Ports	1 x USB 5Gbps port 2 x RJ-45 LAN ports 1 x RJ-45 management LAN port
Networking	2 x 10GbE LAN ports (RJ45, X710-AT2) 1 x Management Port (RJ45) Multi-GPU Support
Operating Environment	**Operation temperature:** 10°C ~ 35°C **Non operation temperature:** -40°C ~ 60°C **Non operation humidity:** 20% ~ 95% (Non condensing) *For operating temperatures above 30°C, please contact us

Authorised Hyperscalers Partner

About Hyperscalers

Hyperscalers is the world's first open Original Equipment Manufacturer offering proprietary-free alterative to traditional Tier 1 OEM vendors.

Hereto to solve Information technology's complexity, Hyperscalers developed the IP Appliance Design Process. Which is basically a process along with a utility, being the Appliance Optimizer Utility, which together, assists service providers 'productize' delivery of their Digital-IP.

Technology Partners

Quanta Computer, QCT, AMD EPYC, Micron, Samsung, intel, Western Digital, NVIDIA, Seagate

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