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NVIDIA HGX™ H100/H200 8-GPU server

HGX3 | ESC N8-E11

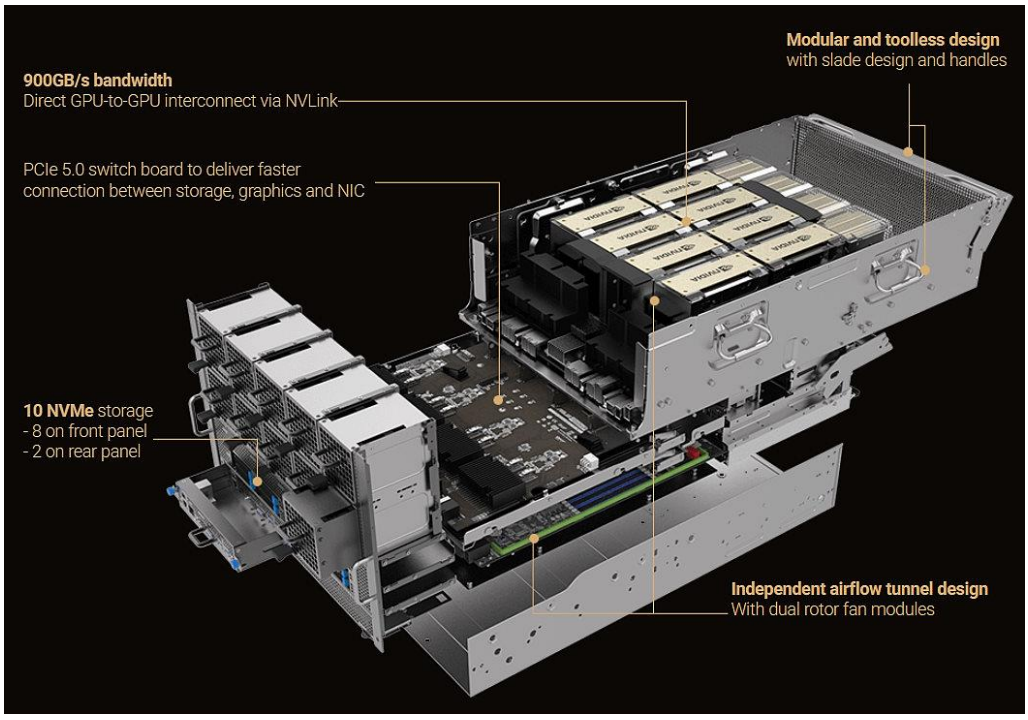
Let Hyperscalers meet your bespoke requirements!

Start customizing your HGX3 | ESC N8-E11 today!

- 7U NVIDIA HGX™ H100/H200 eight-GPU server
- Dual 5th/4th Gen Intel Xeon Scalable processors
- Designed for large-scale AI and HPC
- Up to 12 PCIE slots
- 32 DIMM
- 10 NVMe
- Dual 10Gb LAN
- OCP 3.0 (optional)

End-to-End AI Supercomputing Platform

Designed to accelerate the development of AI and data science, HGX3 offers a dedicated one-GPU-to-one-NIC topology and supports up to eight NICs for the highest throughput during compute-intensive workloads. To reduce operating costs, the HGX3 | ESC N8-E11/ESC N8-E11V is engineered to provide effective cooling and innovative components that deliver thermal efficiency, scalability, and unprecedented performance.



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

Faster storage, graphics and networking capabilities

PCI Express® (PCIe®) 5.0 delivers 32 GT/s bandwidth, which is twice the speed of PCIe 4.0, and offers lower power consumption, better lane scalability and backwards compatibility. These servers are PCIe 5.0 ready, with scalable designs to satisfy the increasing workloads or modern data centers.

HGX3 | ESC N8-E11 Specifications

Processor	**CPU:** 4th/5th Intel® Xeon® Processor Scalable Family **Max. TDP Support:** 350W
Form Factor	7U
Dimensions	**W x H x D (mm):** 885 x 447 x 306.65
Socket	2
Storage	**Optional Kits:** -Broadcom MegaRAID 9560-16i -Broadcom MegaRAID 9540-8i **Drive Bays:** 10 x 2.5" hot-swap drive bays (8 NVMe, 2 NVMe/SATA/SAS*)[PCIe Switch directly] **Front:** 8 NVMe [CPU directly] **Rear:** 2 NVMe(CPU2)/SATA(PCH) **H100 SKU:** 2 x M.2 Gen5 x4 link (CPU1) / 2 x M.2 Gen3 x2 link (PCH) **H200 SKU:** 2 x M.2 Gen3 x2 link (PCH)
Memory	**Total Slots:** 32 (8 channel per CPU, 16 DIMM per CPU) **Capacity:** Maximum up to 4TB per CPU socket **Memory Type:** 4th: DDR5 5600 RDIMM/ 3DS RDIMM (2DPC) 5th: DDR5 5600 RDIMM/ 3DS RDIMM (2DPC) **Memory Size:** 64GB, 32GB, 16GB RDIMM 256GB, 128GB RDIMM 3DS
Expansion Slot	**ESC N8-E11 H100 SKU:** • 12 x PCIe Gen5 slots [PCIe Switch directly] • 8 x PCIe Gen5 x16 link (LP, HL) [CPU directly] • 1 x PCIe Gen5 x16 link (FH, HL)* + 1 x PCIe Gen5 x16 link (FH, HL)* • 1 x PCIe Gen5 x8 link (FH, HL) + 1 x PCIe Gen5 x8 link (FH, HL) *Support PCIe x16 link for DPU **ESC N8-E11V H200 SKU:** • 10+1 x PCIe Gen5 slots [PCIe Switch directly] • 8 x PCIe Gen5 x16 link (LP, HL) [CPU directly] • 1 x PCIe Gen5 x16 link (FH, HL)* + 1 x PCIe Gen5 x16 link (FH, HL)* • 1 x PCIe Gen4 x8 link from CPU2 DMI (FH, HL)** *Support PCIe x16 link for DPU **For Raid card to connect storage

Networking	2 x 10 Gigabit LAN ports (Intel X710-AT2 Controller) 1 x Management Port
Switch/LED	**Front :** 1 x Power Button/LED 1 x Location Button/LED 1 x Message LED 1 x Q-Code/Port 80 LED **Rear :** 1 x Location LED 1 x Power Button/LED
Weight	Net Weight: 113 Kg Gross Weight: 174 Kg
Power Supply	4+2 Redundant 3000W 80 PLUS Titanium Power Supply
Regulatory Compliance	BSMI, CB, CE, FCC, KCC
Front I/O	4 x USB3.2 Gen1 ports 1 x VGA port 2 x 10Gb RJ45 LAN module (Intel-x710 Based) 1 x Mgmt LAN 1 x locate button 1 x power button
Rear I/O	1 x locate button 1 x power button
Operating Environment	Operation temperature: 10℃ ~ 35℃ Non-operation temperature: -40℃ ~ 70℃ Non-operation humidity: 20% ~ 90% (Non-condensing)

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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