



XN8160-B200



NVIDIA® HGX B200 GPU

- Up to 3 × faster LLM training (GPT-MoE 1.8T, FP8)
- 6th Gen Intel® Xeon® Processors
- 8-channel DDR5 memory support
- 88 PCIe 5.0 lanes, 64 CXL 2.0 lanes

Technical Specifications

System	• 8U
Dimension	• 447 x 351 x 923 mm(L * W * H)
CPU	• Intel® Xeon® 6 Processors Intel® Xeon® 6700-Series Processors Intel® Xeon® 6500-Series Processors • Dual processor, TDP up to 350W
Socket	• 2 x LGA 4710 • Socket E2
Chipset	System on Chip
Security	• UEFI Secure Boot • SNMP Support: V3
Memory	• 32 x DIMM slots • DDR5 memory supported • 8-channel memory per processor • RDIMM: Up to 6400 MT/s (1DPC). 5200 MT/s (2DPC) • MRDIMM: Up to 8000 MT/s
LAN	Front (I/O board-CFPG440): • 2 x 10Gb/s LAN (1 x Intel® X710-AT2) Support NCSI function • 1 x 10/100/1000 Mbps Management LAN Rear (MLAN board-CDB66): • 1 x 10/100/1000 Mbps Management LAN
Video	• Integrated in Aspeed® AST2600 1 x VGA port

Storage	Front hot-swap: • 8 x 2.5" Gen5 NVMe (NVMe from PEX89104) Internal M.2: • 1 x M.2 (2280/22110) , PCIe Gen5 x 4, from CPU 1 • 1 x M.2 (2280/22110) , PCIe Gen5 x 2, from CPU 1
GPU	NVIDIA HGX™ B200 with 8 x SXM GPUs
Expansion Slot	• PCIe Bridge Board - CBG76: 8 x FHHL x 16 (Gen5 x 16) , from PEX89104 • PCIe Bridge Board - CBG045 x 2: 4 x FHHL x 16 (Gen5 x 16) , from PEX89048
Front I/O	I/O board - CFG404: • 2 x USB 3.2 Gen1 ports (Type-A) • 1 x VGA port • 2 x RJ45 ports • 1 x MLAN port (default) • 1 x Power button with LED • 1 x ID button with LED • 1 x NMI button • 1 x Rest button • 1 x Storage activity LED • 1 x System status LED
Rear I/O	MLAN board - CDB66: • 1 x MLAN port
Power Supply	• 6+6 3000W 80 PLUS Titanium redundant power supplies [1] [1]The system power supply requires C19 power cord