



UQLEAD K03-5210*

AI/HPC Server

5U DP NVIDIA HGX™ H200



Key Features

- NVIDIA HGX™ H200
- 900GB/s GPU-to-GPU bandwidth with NVIDIA NVLink™ & NVSwitch™
- Dual 5th/4th Gen Intel® Xeon® Scalable processors
- Dual Intel® Xeon® CPU Max Series
- 32 x DIMMs, 8-channel DDR5 RDIMM
- Dual ROM architecture
- Compatible with NVIDIA® BlueField®-3 DPUs/SuperNICs
- 2 x 10Gb/s LAN ports via Intel® X710-AT2
- 8 x 2.5" Gen5 NVMe / SATA / SAS-4 hot-swap bays
- 4 x FHHL PCIe Gen5 x16 slots
- 8 x LP PCIe Gen5 x16 slots
- 4+2 3000W 80 PLUS Titanium redundant power supplies

AI training

AI inference

Visual & high-performance computing

Specifications

Dimensions 5U (W447 x H219.7 x D945 mm)

CPU 5th Generation Intel® Xeon® Scalable processors
4th Generation Intel® Xeon® Scalable processors
Intel® Xeon® CPU Max Series
Dual processor, TDP up to 350W

OS Compatibility Visit our website for the list of compatible OS

Socket 2 x LGA 4677 (Socket E)

Chipset Intel® C741

Memory 32 x DIMMs, 8-channel DDR5 RDIMM
For 5th Gen Intel® Xeon®: up to 5600 MT/s (1DPC), 4400 MT/s (2DPC)
For 4th Gen Intel® Xeon®: up to 4800 MT/s (1DPC), 4400 MT/s (2DPC)
For Intel® Xeon® Max Series: up to 4800 MT/s (1DPC), 4400 MT/s (2DPC)

LAN **Front:**
2 x 10Gb/s LAN (1 x Intel® X710-AT2) NCSI support
1 x 10/100/1000 Mbps Management LAN
Rear:
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 / SATA / SAS-4*
*SAS card is required to support SAS drives.

RAID Intel® SATA RAID 0 / 1 / 10 / 5
Supports optional RAID add-in cards

Modular GPU NVIDIA HGX™ H200 with 8 x SXM GPUs

Expansion Slots 4 x FHHL PCIe Gen5 x16
8 x LP PCIe Gen5 x16

I/O Ports **Front:** 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN
Rear: 1 x MLAN

Security modules TPM 2.0

Backplane Board PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s

Power Supply 4+2 3000W 80 PLUS Titanium redundant power supplies AC Input: 115-240V
*The system power supply requires C19 power cord

System Management ASPEED® AST2600 baseboard management controller
KERNO Management Console web interface

System Fans **Motherboard:**
2 x 40x40x28 mm / 4 x 60x60x56 mm
PCIe slots:
4 x 40x40x28 mm / 2 x 40x40x56 mm
GPU tray:
6 x 60x60x76 mm / 11 x 80x80x80 mm

Operating Properties Operating: 10°C to 35°C, 8% to 80% (non-condensing)
Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)

Packaging Content 1 x 5U chassis
1 x L-shape rail kit

*40+ weeks lead time

Learn more at www.kerno.ae. All specifications are subject to change without notice. Please visit our website for the latest information.
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