



# 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 5<sup>th</sup>/4<sup>th</sup> 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

<b>Dimensions</b>	5U (W447 x H219.7 x D945 mm)	<b>Modular GPU</b>	NVIDIA HGX™ H200 with 8 x SXM GPUs
<b>CPU</b>	5 <sup>th</sup> Generation Intel® Xeon® Scalable processors 4 <sup>th</sup> Generation Intel® Xeon® Scalable processors Intel® Xeon® CPU Max Series Dual processor, TDP up to 350W	<b>Expansion Slots</b>	4 x FHHL PCIe Gen5 x16 8 x LP PCIe Gen5 x16
<b>OS Compatibility</b>	Visit our website for the list of compatible OS	<b>I/O Ports</b>	<b>Front:</b> 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN <b>Rear:</b> 1 x MLAN
<b>Socket</b>	2 x LGA 4677 (Socket E)	<b>Security modules</b>	TPM 2.0
<b>Chipset</b>	Intel® C741	<b>Backplane Board</b>	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
<b>Memory</b>	32 x DIMMs, 8-channel DDR5 RDIMM <b>For 5<sup>th</sup> Gen Intel® Xeon®:</b> up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) <b>For 4<sup>th</sup> Gen Intel® Xeon®:</b> up to 4800 MT/s (1DPC), 4400 MT/s (2DPC) <b>For Intel® Xeon® Max Series:</b> up to 4800 MT/s (1DPC), 4400 MT/s (2DPC)	<b>Power Supply</b>	4+2 3000W 80 PLUS Titanium redundant power supplies AC Input: 115-240V *The system power supply requires C19 power cord
<b>LAN</b>	<b>Front:</b> 2 x 10Gb/s LAN (1 x Intel® X710-AT2) NCSI support 1 x 10/100/1000 Mbps Management LAN <b>Rear:</b> 1 x 10/100/1000 Mbps Management LAN	<b>System Management</b>	ASPEED® AST2600 baseboard management controller KERNO Management Console web interface
<b>Video</b>	Integrated in ASPEED® AST2600: • 1 x VGA port	<b>System Fans</b>	<b>Motherboard:</b> 2 x 40x40x28 mm / 4 x 60x60x56 mm <b>PCIe slots:</b> 4 x 40x40x28 mm / 2 x 40x40x56 mm <b>GPU tray:</b> 6 x 60x60x76 mm / 11 x 80x80x80 mm
<b>Storage</b>	<b>Front hot-swap:</b> 8 x 2.5" Gen5 NVMe / SATA / SAS-4* *SAS card is required to support SAS drives.	<b>Operating Properties</b>	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
<b>RAID</b>	Intel® SATA RAID 0 / 1 / 10 / 5 Supports optional RAID add-in cards	<b>Packaging Content</b>	1 x 5U chassis 1 x L-shape rail kit

\*40+ weeks lead time

Learn more at [www.kerno.ae](http://www.kerno.ae). All specifications are subject to change without notice. Please visit our website for the latest information.

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