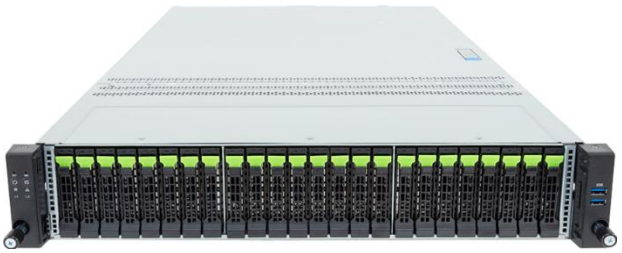
kerno

OKAM K01-2220

Rack Server - 2U DP 2U DP 24+2-Bay NVMe/SATA



Key Features

- Dual Intel® Xeon® 6700/6500-Series Processors
- 8-Channel DDR5 RDIMM / MCR DIMM, 32 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 24 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 2 x 2.5" SATA/SAS-4 hot-swappable bays on the rear side
- 2 x M.2 slot with PCIe Gen5 x4 interface
- 2 x FHHL Dual-slot PCIe Gen5 x16 slots
- 1 x FHHL Single-slot PCIe Gen5 x16 slot
- 1 x OCP 3.0 Gen5 x16 slot
- 1+1 2000W 80 PLUS Titanium redundant power supplies

Applications

Networks Server, Servers for Hybrid/Private Cloud

Specification

Dimensions	2U (W438 x H87.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6700-Series Processors - Intel® Xeon® 6500-Series Processors Dual processors, TDP up to 350W
OS Compatibility	Visit our website for the list of compatible OS
Chipset	System on Chip
Memory	8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs [RDIMM] Up to 6400 MT/s (1DPC), 5200 MT/s (2DPC) [MRDIMM] Up to 8000 MT/s MRDIMMs are only supported with Intel® Xeon® 6 Processors with P-cores and in a 1DPC configuration
LAN	2 x 1Gb/s LAN ports (1 x Intel® I350-AM2) - supports NCSI function 1 x 10/100/1000 Mbps Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP
Storage	**Front hot-swap:** 24 x 2.5" Gen5 NVMe/SATA/SAS-4 **Rear hot-swap:** 2 x 2.5" SATA/SAS-4 **Internal M.2:** 2 x M.2 (2280/22110), PCIe Gen5 x4 Storage card is required to support SATA and SAS drives. SAS card is required to support SAS drives.
RAID	Require RAID add-in cards Onboard VROC key header
PCIe Expansion Slots	2 x FHHL PCIe Gen5 x16, dual-slot 1 x FHHL PCIe Gen5 x16, single-slot 1 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
I/O Ports	**Front:** 2 x USB 3.2 Gen1 **Rear:** 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
TPM	1 x TPM header (SPI), Optional TPM2.0 1 x PRoT connector
Backplane Board	**Front:** PCIe Gen5 x4 or SATA6Gb/s or SAS-4 24Gb/s **Front:** PCIe Gen5 x4 or SATA6Gb/s or SAS-4 24Gb/s **Rear:** SATA6Gb/s or SAS-4 24Gb/s
Power Supply	1+1 2000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
System Management	ASPEED® AST2600 management controller KERNO Management Console (AMI MegaRAC SP-X)
System Fans	4 x 80x80x38mm
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 2U Chassis 1 x Mini-DP to D-Sub cable 1 x 2-Section Rail kit

Learn more at: https://kernoenterprises.com

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