



OKAM K01-2220

Universal Server

2U DP 24+2-Bay NVMe / SATA / SAS-4



Key Features

- Dual Intel® Xeon® 6700/6500 Series processors
- 32 x DIMMs, 8-channel DDR5 RDIMM
- 24 x 2.5" Gen5 NVMe / SATA / SAS-4 hot-swap bays
- 2 x 2.5" Gen5 NVMe / SATA / SAS-4 hot-swap on the rear
- 2 x M.2 slot with PCIe Gen5 x4 interface
- 2 x FHFL PCIe Gen5 x16 slots
- 2 x FHFL PCIe Gen5 x8 slots
- 2 x FHHL PCIe Gen5 x8 slots
- 1 x HHHL PCIe Gen5 x8 slot
- 1 x OCP 3.0 Gen5 x16 slot
- 1 x OCP 3.0 PCIe Gen5 x8 slot
- 1+1 2000W 80 PLUS Titanium redundant power supplies

Virtualization

VDI

HCI

Large databases

Storage-intensive applications

Specifications

Dimensions 2U (W438 x H87 x D770 mm)

CPU Intel® Xeon® 6 processors:

- Intel® Xeon® 6700E Series processors
- Intel® Xeon® 6700P Series processors
- Intel® Xeon® 6500P Series processors

Dual processors, TDP up to 350W

OS compatibility Visit our website for a list of compatible operating systems

Chipset System on Chip

Memory 32 x DIMMs, 8-channel DDR5 RDIMM
Up to 6400 MT/s (1DPC), 5200 MT/s (2DPC)
*MRDIMMs are only supported with Intel®Xeon® 6 processors with P-cores and in a 1DPC configuration

LAN 1/2/4 Ports OCP 3.0 LAN support
1 x 10/100/1000 Mbps Management LAN

Video ASPEED® AST2600:
• 1 x Mini DisplayPort

Storage **Front hot-swap:**
24 x 2.5" Gen5 NVMe / SATA / SAS-4*
Rear hot-swap:
2 x 2.5" NVMe / 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 Requires RAID add-in cards
Onboard VROC key header

PCIe expansion slots 2 x FHFL PCIe Gen5 x16 slots
2 x FHFL PCIe Gen5 x8 slots
2 x FHHL PCIe Gen5 x8 slots
1 x HHHL PCIe Gen5 x8 slot
1 x OCP 3.0 Gen5 x16 slot
1 x OCP 3.0 NIC PCIe Gen5 x8 slot

I/O ports **Front:**
2 x USB 3.2 Gen1
Rear:
2 x USB 3.2 Gen1, 1 x Mini DisplayPort, 2 x RJ45, 1 x MLAN

Backplane board **Front:** PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Rear: PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s

Security modules TPM 2.0

Power supply 1+1 2000W 80 PLUS Titanium redundant power supplies
AC Input: 100-240V

System management ASPEED® AST2600 Baseboard Management Controller
KERNO Management Console (AMI MegaRAC SP-X)

System fans 6 x 60x60x56 mm

Operating properties Operating: 10°C to 30°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 DisplayPort to D-Sub cable
1 x 2-section rail kit

Warranty 3- to 5-year limited warranty



OKAM K01-2220

Universal Server

2U DP 12+2-Bay SATA / SAS-4 + 2 x PCIe Gen5 GPUs



Key Features

- Supports up to 2 x dual-slot Gen5 GPUs
- Dual Intel® Xeon® 6700/6500 Series processors
- 32 x DIMMs, 8-channel DDR5 RDIMM
- 12 x 3.5"/2.5" Gen5 NVMe / SATA / SAS-4 hot-swap bays
- 2 x 2.5" SATA / SAS-4 hot-swap on the rear
- 2 x M.2 slot with PCIe Gen5 x4 interface
- 2 x FHFL PCIe Gen5 x16 slots for GPUs
- 2 x FHHL PCIe Gen5 x16 slot
- 1 x HHHL PCIe Gen5 x8 slot
- 1 x OCP 3.0 PCIe Gen5 x16 slot
- 1 x OCP 3.0 PCIe Gen5 x8 slot
- Dual 2000W 80 PLUS Titanium redundant power supply

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Memory 32 x DIMMs, 8-channel DDR5 RDIMM
Up to 6400 MT/s (1DPC), 5200 MT/s (2DPC)

LAN 1 x 10/100/1000 Mbps Management LAN
Support for 1/2/4 Port OCP NICs

Video ASPEED® AST2600:

- 1 x Mini DisplayPort

Storage **Front hot-swap:**
12 x 3.5"/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), PCIe Gen5 x4
*Storage card is required to support SATA and SAS drives.

RAID Requires RAID add-in cards
Onboard VROC key header

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2 x FHHL PCIe Gen5 x16 slots
1 x HHHL PCIe Gen5 x8 slot
1 x OCP 3.0 PCIe Gen5 x16 slot
1 x OCP 3.0 NIC PCIe Gen5 x8 slot

I/O ports **Front:**
1 x USB 3.2 Gen1, 1 x USB 2.0
Rear:
2 x USB 3.2 Gen1, 1 x Mini DisplayPort, 1 x MLAN

Backplane board **Front:** PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Rear: PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s

Security modules TPM 2.0

Power supply Dual 2000W 80 PLUS Titanium redundant power supply
AC Input: 100-240V

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1 x Mini DisplayPort to D-Sub cable
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