



OKAM K01-1220

Universal Server

1U DP 12-Bay Gen5 NVMe / SATA / SAS-4



Key Features

- Dual Intel® Xeon® 6700/6500 Series processors
- 32 x DIMMs, 8-channel DDR5 RDIMM
- 12 x 2.5" Gen5 NVMe / SATA / SAS-4 hot-swap bays
- 2 x M.2 slots with PCIe Gen5 x4
- 2 x HHHH PCIe Gen5 x16 slots
- 1 x HHHH PCIe Gen5 x8 slot
- 1 x OCP 3.0 PCIe Gen5 x16 slot
- 1 x OCP 3.0 PCIe Gen5 x8 slot
- Dual 1200W Platinum redundant power supply

Virtualization

Access control server

DNS server

Domain controller

Specifications

Dimensions 1U (W438.5 x H43 x D770 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 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)

LAN 1 x 10/100/1000 Mbps Management LAN
1/2/4 Port OCP NIC support

Video ASPEED® AST2600:

- 1 x Mini DisplayPort

Storage **Front hot-swap:**
12 x 2.5" Gen5 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

RAID Requires RAID add-in cards
Onboard VROC key header

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

PCIe expansion slots 2 x HHHH PCIe Gen5 x16 slots
1 x HHHH PCIe Gen5 x8 slot
1 x OCP 3.0 PCIe Gen5 x16 slot
1 x OCP NIC 3.0 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

Security modules TPM 2.0

Power supply Dual 1200W 80 PLUS Titanium redundant power supply
AC Input: 100-240V

System management ASPEED® AST2600 Baseboard Management Controller
KERNO Management Console web interface

System fans 8 x 40x40x56 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 1U chassis
1 x Mini DisplayPort to D-Sub cable
1 x 2-section rail kit

Warranty 3- to 5-year limited warranty