



OKAM K01-12A0



Universal Server

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



Key Features

- Dual AMD EPYC™ 9005 Series processors
- 24 x DIMMs, 12-channel DDR5 RDIMM
- 12 x 2.5" Gen5 NVMe / SATA / SAS-4 hot-swap bays
- 2 x M.2 slots (PCIe Gen3, Type 2280)
- 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
- Dual 1200W Platinum redundant power supply

Virtualization

Access control server

DNS server

Domain controller

Specifications

Dimensions 1U (W438 x H43 x D770 mm)

CPU AMD EPYC™ 9005 Series processors
Dual processor, cTDP up to 400W:
• OCP NIC 3.0 ≤ 21W at 30°C ambient, cTDP up to 400W

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

Chipset System on Chip

Memory 24 x DIMMs, 12-channel DDR5 RDIMM
Up to 6400 MT/s

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), PCIe Gen3 x4
*Storage card is required to support SATA and SAS drives

RAID Requires RAID add-in cards

Backplane board PCIe Gen5 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 Platinum 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