



OKAM Edge K02-2120

Edge Server

2U UP 2 x PCIe Gen5 GPUs



Key Features

- Supports up to 2 x dual-slot Gen5 GPUs
- Single Intel® Xeon® 6700/6500 Series processors
- 16 x DIMMs, 8-channel DDR5 RDIMM/MRDIMM
- Dual ROM architecture
- 1 x 1Gb/s LAN port via Intel® I210-AT
- 2 x 2.5" Gen5 NVMe / SATA / SAS-4 hot-swap bays
- 1 x M.2 slot with PCIe Gen5 x2 interface
- 1 x M.2 slot with PCIe Gen5 x2 interface, **shared with SATA**
- 2 x FHFL PCIe Gen5 x16 slots for GPUs
- 2 x OCP 3.0 PCIe Gen5 x16 slots support NCSI
- 1+1 2000W 80 PLUS Titanium redundant power supplies

AI platform

AI training server

AI inference server

Visual computing

Networks server

Edge server

Servers for hybrid / private cloud

Specifications

Dimensions 2U (W438 x H87.5 x D520 mm)

CPU

Intel® Xeon® 6 processors:

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

Single processor, TDP up to 350W

OS compatibility

Visit our website for a list of compatible operating systems

Chipset

System on Chip

Memory

16 x DIMMs, 8-channel DDR5 RDIMM/MRDIMM
For RDIMM: up to 6400 MT/s (1DPC), 5200 MT/s (2DPC)
For MRDIMM: up to 8000 MT/s
 *MRDIMMs are only supported with Intel® Xeon® 6 processors with P-cores and in a 1DPC configuration

LAN

1 x 1Gb/s LAN (1 x Intel® I210-AT), NCSI support
 1 x 10/100/1000 Mbps Management LAN

Video

Integrated in ASPEED® AST2600:

- 1 x Mini DisplayPort

Storage

Rear hot-swap:
 2 x 2.5" Gen5 NVMe / SATA / SAS-4*
Internal M.2:
 1 x M.2 (2280/22110), PCIe Gen5 x2 1 x M.2 (2280/22110), PCIe Gen5 x2, **shared with SATA**
 *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 for GPUs
 2 x OCP 3.0 PCIe Gen5 x16 slot

I/O ports

Front:
 2 x USB 3.2 Gen1
Rear:
 2 x USB 3.2 Gen1, 1 x Mini DisplayPort, 1 x RJ45, 1 x MLAN

Security modules

TPM 2.0

Backplane board

PCIe Gen5 x4 or SATA 6Gb/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 Baseboard Management Controller
 KERNO Management Console web interface

System fans

4 x 80x80x38 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 2U chassis
 1 x Mini DisplayPort to D-Sub cable
 2-section rail kit

Warranty

3- to 5-year limited warranty