



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)	PCIe expansion slots	2 x FHFL PCIe Gen5 x16 slots for GPUs 2 x OCP 3.0 PCIe Gen5 x16 slot support NCSI
CPU	Intel® Xeon® 6 processors: <ul style="list-style-type: none"> • Intel® Xeon® 6700 Series processors • Intel® Xeon® 6500 Series processors Single processor, TDP up to 350W	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
OS compatibility	Visit our website for a list of compatible operating systems	Security modules	TPM 2.0
Chipset	System on Chip	Backplane board	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
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	Power supply	1+1 2000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
LAN	1 x 1Gb/s LAN (1 x Intel® I210-AT), NCSI support 1 x 10/100/1000 Mbps Management LAN	System management	ASPEED® AST2600 Baseboard Management Controller KERNO Management Console web interface
Video	Integrated in ASPEED® AST2600: <ul style="list-style-type: none"> • 1 x Mini DisplayPort 	System fans	4 x 80x80x38 mm
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	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)
RAID	Requires RAID add-in cards Onboard VROC key header	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

Learn more at www.kerno.ae. All specifications are subject to change without notice. Please visit our website for the latest information.

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