



# 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 NCSI support
- 1 x OCP 3.0 PCIe Gen5 x8 slot
- Dual 1200W Platinum redundant power supply

Virtualization

Access control server

DNS server

Domain controller

## Specifications

<b>Dimensions</b>	1U (W438.5 x H43 x D770 mm)	<b>PCIe expansion slots</b>	2 x HHHH PCIe Gen5 x16 slots 1 x HHHH PCIe Gen5 x8 slot 1 x OCP 3.0 PCIe Gen5 x16 slot NCSI support 1 x OCP 3.0 PCIe Gen5 x8 slot
<b>CPU</b>	Intel® Xeon® 6 Processors: <ul style="list-style-type: none"> <li>• Intel® Xeon® 6700 Series processors</li> <li>• Intel® Xeon® 6500 Series processors</li> </ul> Dual processors, TDP up to 350W	<b>I/O ports</b>	<b>Front:</b> 1 x USB 3.2 Gen1, 1 x USB 2.0 <b>Rear:</b> 2 x USB 3.2 Gen1, 1 x Mini DisplayPort, 1 x MLAN
<b>OS compatibility</b>	Visit our website for a list of compatible operating systems	<b>Security modules</b>	TPM 2.0
<b>Chipset</b>	System on Chip	<b>Power supply</b>	Dual 1200W 80 PLUS Titanium redundant power supply AC Input: 100-240V
<b>Memory</b>	32 x DIMMs, 8-channel DDR5 RDIMM Up to 6400 MT/s (1DPC), 5200 MT/s (2DPC)	<b>System management</b>	ASPEED® AST2600 Baseboard Management Controller KERNO Management Console web interface
<b>LAN</b>	1 x 10/100/1000 Mbps Management LAN 1/2/4 Port OCP NIC support	<b>System fans</b>	8 x 40x40x56 mm
<b>Video</b>	ASPEED® AST2600: <ul style="list-style-type: none"> <li>• 1 x Mini DisplayPort</li> </ul>	<b>Operating properties</b>	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
<b>Storage</b>	<b>Front hot-swap:</b> 12 x 2.5" Gen5 NVMe / SATA / SAS-4* <b>Internal M.2:</b> 2 x M.2 (2280/22110), PCIe Gen5 x4 *Storage card is required to support SATA and SAS drives	<b>Packaging content</b>	1 x 1U chassis 1 x Mini DisplayPort to D-Sub cable 1 x 2-section rail kit
<b>RAID</b>	Requires RAID add-in cards Onboard VROC key header	<b>Warranty</b>	3- to 5-year limited warranty
<b>Backplane board</b>	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s		

Learn more at [www.kerno.ae](http://www.kerno.ae). All specifications are subject to change without notice. Please visit our website for the latest information.

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