

AKHET® PERFORMANCE 1U DUAL INTEL

4010083001



Pictures show sample configurations, real product may vary.



COMPUTER UNIT

Processor	Dual 6 th Gen Intel® Xeon® Scalable Processors
Graphics	ASPEED AST2600
Chipset	SoC
Memory	max. 2 TB DDR5 6400 ECC reg.
Drives	up to 12 x 2,5" hot-swap SATA/NVMe SSD or SAS HDD
Raid Controller	Broadcom MegaRAID 9520-2M2 with 2 x 512 GB M.2 NVMe SSD Raid 1 Broadcom eHBA 9600-24i*
Remote management*	IPMI2.0 with iKVM and vMedia support (ASPEED AST2600)
OS*	Windows® Server 2025 Standard OR Datacenter OS Support: Microsoft®: - Windows® Server 2025 - Azure Local 24H2 Hypervisor: - VMWare ESXi 8.0 Update 3
Front I/O	1 x Power / Reset Button 1 x USB 3.0 1 x USB 2.0 1 x UID Button
Rear I/O	1 x Mini Display Port 1 x Power Button 1 x UID Button 2 x USB 3.0 Ports 1 x 1GbE Management Port 2 x IEC connector (C14)
Cooling	active, 8 x 4056 (N+1) Redundant
NIC*	Broadcom N425G 4 x 25/10 GbE SFP28 OCP 3.0 OR Intel® E810-XXVDA4 4 x 10/25 GB SFP28 OCP 3.0 OR E810-XXVDA2 2 x 25 GB SFP28 PCIe 4.0 x8 OR Nvidia Mellanox ConnectX-6 Lx 2 x 25 GbE SFP28 PCIe 4.0 x8 OR Dx 2 x 100 GbE QSFP56 PCIe 4.0 x16 OR Nvidia Mellanox ConnectX-7 4 x 50/25 GbE SFP56 PCIe 4.0 x16 OR 2 x 200 GbE QSFP112 PCIe 5.0 x16

*optional

POWER

Power input	Redundant, 100-240 V AC
Power supply	2 x 1600 W 1+1 Redundant Titanium
Power consumption	10 A

SYSTEM

Dimensions (WxDxH)	438,5 x 770 x 43 mm
Material	Steel
Weight	Approx. 20 kg
Mounting	via slide rails in 19" rack

ENVIRONMENTAL CONDITIONS

	Storage	Operating
Temperature	-20°C to +60°C	5°C to 30°C
Humidity	10% to 95% ¹	10% to 85% ¹

¹ non-condensing

CERTIFICATIONS

CE, FCC

INTENDED USE

AKHET® Rack Systems are specifically designed to be mounted in standard equipment rack. The intended use includes data centres, virtualization, database management with specific needs of various workloads and applications. Operation and service of the product should be carried out by instructed personnel only to avoid risk of injury from electrical shock or energy hazard.

DIMENSIONS

Pictures show sample configurations, real product may vary.

