AKHET® AI-Server Professional Intel

4010092832



Pictures show sample configurations, real product may vary.

SCAN ME

COMPUTER UNIT

Processor	6th Gen Intel® Xeon® Processors
Onboard graphics	ASPEED AST2600
Chipset	SoC
Memory	Max. 2 TB DDR5 ECC reg.
Drives	2 x M.2 NVMe SSD (prepared at Broadcom® MegaRaid® 9520-2M2) up to 8 × 2.5" hot-swap NVMe SSD
RAID Controller	Broadcom® MegaRAID® 9520-2M2 with 2x M.2 NVMe SSD Raid 1
Remote-Management	IPMI2.0 with iKVM and vMedia support (ASPEED AST2600) dedicated IPMI LAN port
OS	Windows Server 2025 certified Azure Local certified3
Expansion slots	2 x PCIe 5.0 ×16 FHFL 1 x PCIe 5.0 ×16 FHHL 1 x PCIe 5.0 ×16 HHHL
Front I/O	1 x Power/Reset/UID button 2 x USB 3.0 (Type-A) Indicator LEDs 8 × 2,5" Drive Bay
Rear I/O	1 x MiniDisplayPort 1 x LAN (RJ45) 2 x USB 2.0 (Type-A) 1 x Power/UID button 2 x AC-in
Cooling	6 x PWM hot-swap 6056 mm fans, passive CPU cooler
Graphic card(s)	up to 2 x FHFL 600W GPU PCIe cards e.g. NVIDIA® RTX PRO 6000 96GB Blackwell Server Edition
NIC	Expandable with 2 x OCP 3.0 NICs like: Intel® E810-XXVDA4 4 × 25GB SFP28 **OR** Broadcom® NetXtreme N425P 4 × 25GbE SFP28 **OR** NVIDIA® Mellanox ConnectX-6 Lx 2 × 25GbE SFP28 **OR** NVIDIA® Mellanox ConnectX-6 Dx 2 × 100GbE QSFP56 **OR** NVIDIA® Mellanox ConnectX-7 2 × 200GbE QSFP112

POWER

Power input	100-240 V AC; 50-60 Hz
Power supply	2U Redundant CRPS 1+1 3200 W 80+ Titanium

SYSTEM

Dimensions (WxDxH)	764 × 438 × 87 mm (30" x 17.24" x 3.43")
Material	Steel
Weight	Approx. 25 kg
Mounting	via slide rails in 19" rack
Coating/Color	w/o

ENVIRONMENTAL CONDITIONS

	Storage	Operating
Temperature	-20°C to +60°C	10°C to 35°C
Humidity[1] (rel.)	10% to 90%	10% to 85%

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.

*optional

[1]non-condensing

[2]depending on configuration

[3]pending

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