



Pictures show sample configurations, real product may vary.

COMPUTER UNIT

Processor	AMD EPYC™ 9255; 24C/48T; Base 3.2 GHz Boost 4.3 GHz; 128 MB Cache
Onboard graphics	ASPEED AST2600
Chipset	SoC
Memory	192 GB DDR5 ECC REG (6 × 32 GB)
Drives	OS: 2 × 512 GB M.2 NVMe SSD; Meta: 2 × 960 GB 2,5" hot-swap NVMe SSD; Data: 4 × 3,5" hot-swap SAS HDD (8 OR 16 TB)
LAN	2 × 1 GbE BCM5720; additional options
RAID Controller	BROADCOM® MegaRAID 9520-2M2 with 2 × M.2 NVMe; BROADCOM® MegaRAID 9660-16i with CacheVault with up to 24 × 3,5" SAS HDD
Remote-Management	BMC: ASPEED AST2600; IPMI2.0 with iKVM, vMedia and Redfish API support; dedicated LAN Port
Front I/O	1 x VGA port 1 x UID Button 1 x Power Button 2 x USB 3.2 Gen1 ports (Type A) 1 x Reset Button 12 × 3,5" Hot-swap drive bay
Rear I/O	1 x Mini Display port 1 x UID Button 1 x Power Button 2 x USB 3.2 Gen1 ports (Type A) 1 × 1GbE Management port
Cooling	6 × 6038 PWM Hot-swap fans, passive 2U CPU cooler
NIC	Intel® E810-XXVDA2 2 × 25GbE SFP28 OR BROADCOM® NetXtreme P225P 2 × 25GbE SFP28 OR NVIDIA® Mellanox ConnectX-6 Lx 2 × 25GbE SFP28 OR Intel® X710-T2L 2 × 10GbE RJ45

POWER

Power input	100-240 V AC; 50-60 Hz
Power supply	2U Redundant CRPS 1+1 2400 W 80+ Titanium

SYSTEM

Dimensions (WxDxH)	735 × 438 × 87 mm (28.94 × 17.24 × 3.43")
Material	Steel
Weight	Approx. 31 kg ²
Mounting	via slide rails in 19" rack

ENVIRONMENTAL CONDITIONS

	Storage	Operating
Temperature	-20°C to +60°C	10°C to 30°C
Humidity ¹ (rel.)	10% to 95%	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

²depending on configuration

¹non-condensing

³pending