



Pictures show sample configurations, real product may vary.

COMPUTER UNIT

Processor	Intel® Xeon® Gold 6530; 32C/72T; Base 2.1 GHz Boost 4 GHz; 160 MB Cache
Onboard graphics	ASPEED AST2600
Chipset	Intel® C741
Memory	256 GB DDR5 ECC REG (8 × 32 GB)
Drives	OS: 2 × 512 GB M.2 NVMe SSD; Meta: 2 × 7.68 TB 2,5" hot-swap NVMe SSD; Data: 12 to 24 × 3.5" hot-swap SAS/SATA HDD (20, 24, 28, 30 or 32 TB)
LAN	2 × 1 GbE (Intel® i210); 2 × 10 GbE (BROADCOM® BCM57416); 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
Expansion slots	4 × PCIe 5.0 ×16 LP
Front I/O	2 × USB 3.0; 1 × Power On/Off; Status-LEDs;
Rear I/O	2 × USB Typ-A (3.2) 1 × VGA 2 × RJ45 (10 GbE) 2 × RJ45 (1GbE) 1 × dedicated IPMI 2 × IEC connector (C14) 2 × 2,5" Hot-swap drive bay
Cooling	6 × 6038 PWM Hot-swap fans, active 2U CPU cooler
NIC	Intel® E810-XXVDA2 2 × 25GB SFP28 OR BROADCOM® NetXtreme P225P 2 × 25GbE SFP28 OR NVIDIA® Mellanox ConnectX-6 Lx 2 × 25GbE SFP28

POWER

Power input	100-240 V AC; 50-60 Hz
Power supply	2U Redundant CRPS 1+1 1200 W 80+ Platinum

SYSTEM

Dimensions (WxDxH)	880 × 438 × 87 mm (34.65 × 17.24 × 3.43")
Material	Steel
Weight	Approx. 31 to 40kg ²
Mounting	via slide rails in 19" rack

ENVIRONMENTAL CONDITIONS

	Storage	Operating
Temperature	-20°C to +60°C	0°C to 30°C
Humidity¹ (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