AKHET® ADN - Essential 1U-Intel - NVME

4010093148

Pictures show sample configurations, real product may vary.

SCAN ME

COMPUTER UNIT

Processor	5th Gen Intel® Xeon® Scalable Processors
Onboard graphics	ASPEED AST2600
Chipset	Intel® C741
Memory	Max. 256 GB DDR5 ECC reg.
Drives	2 x M.2 NVMe SSD onboard with Intel® VROC; up to 4 × 2,5" hot-swap NVMe SSD (attached via MCIO); up to 4 × 2,5" hot-swap NVMe SSD (prepared at Broadcom MegaRaid 9660-16i)
LAN	2 × 10GbE (Broadcom BCM57416); 2 × 1GbE (Intel® i210)
RAID Controller	Broadcom MegaRAID 9660-16i with up to 4× 2,5" NVMe SSD
Remote-Management	IPMI2.0 with iKVM and vMedia support (ASPEED AST2600); dedicated IPMI LAN port (Realtek RTL8211FD)
OS	Windows Server 2025; OS Support: Microsoft® Windows®: - Server 2022 (64bit); - Server 2025 (64bit); Linux®:- RedHat Enterprise Linux Server 8.6 (64bit) / Server 9.0 (64bit); - SUSE SLES 15.4 (64bit); - UBuntu 20.04.5 (64bit) / 22.04.2 (64bit); Hypervisor: - VMWare ESXi / 7.0 U3i / 8.0; - Proxmox VE
Front I/O	1 x Power On/Off; 2 x USB3.0; indicator LEDs; 10 × 2,5" Drive Bay
Rear I/O	2 x USB Typ-A (3.2); 5 x RJ45 (4 x LAN, 1 x IPMI) ; 1 x VGA; 2 x IEC connector (C14)
Cooling	5 × 40×28 mm PWM fans, passive 1U CPU cooler

POWER

Power input	100-240 V AC; 50-60 Hz
Power supply	1U Redundant CRPS 1+1 650 W 80+ Platinum

SYSTEM

Dimensions (WxDxH)	438.5 × 660.0 × 43.5 mm
Material	Steel
Weight	Approx. 18 kg
Mounting	via slide rails in 19" rack
Coating/Color	w/o

ENVIRONMENTAL CONDITIONS

	Storage	Operating
Temperature	-20°C to +60°C	0°C to 30°C
Humidity[1] (rel.)	10% to 95%	10% to 85%

CERTIFICATIONS

CE

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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DIMENSIONS

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