AKHET® ESSENTIAL 2U-AMD

4010082165

AMD EPYC

Pictures show sample configurations, real product may vary.

SCAN ME

COMPUTER UNIT

Processor	AMD EPYC™ 9004 / 9005 series
Graphics	ASPEED AST2600
Chipset	System on Chip
Memory	max. 256 GB DDR5 ECC reg.
Drives	up to 2 x M.2 NVMe SSD on Broadcom MegaRaid 9520-2M2 up to 24 x 2.5" hot-swap SATA/SAS SSD o. HDD
LAN	2 x 10GbE (Intel® X710-AT2) 2 x 1GbE (Intel® i210)
Remote management	IPMI2.0 with iKVM and vMedia Support (ASPEED AST2600) Dedicated IPMI LAN port (Realtek RTL8211F)
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 24 x 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	active
NIC*	optionally expandable with dual or quad 10GbE adapters

*optional

POWER

Power supply	Redundant, 100-240 V AC

SYSTEM

Dimensions (DxWxH)	658,6 x 438,0 x 87,0 mm (25.93" x 17.24" x 3.43")
Mounting	via slide rails in 19" rack

ENVIRONMENTAL CONDITIONS

	Storage	Operating
Temperature	−20°C to +60°C	0°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.

PYRAMID COMPUTER GmbH

AKHET®

DIMENSIONS

438 mm / 17.2"

660 mm / 26"

87 mm / 3.4"

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