

# AKHET® ESSENTIAL 1U-INTEL

4010082162



Pictures show sample configurations, real product may vary.

## COMPUTER UNIT

Processor	5 <sup>th</sup> Gen Intel® Xeon® Scalable Processors
Graphics	ASPEED AST2600
Chipset	Intel® C741
Memory	max. 256 GB DDR5 ECC reg.
Drives	up to 2 x M.2 NVMe SSD onboard mit Intel® VROC up to 10 x 2,5" hot-swap SATA/SAS SSD o. HDD (prepared at Broadcom MegaRaid 9660-16i)
LAN	2 x 10GbE (Broadcom BCM57416) 2 x 1GbE (Intel® i210)
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 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

## POWER

Power supply	Redundant, 100-240 V AC
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## SYSTEM

Dimensions (DxWxH)	660.0 x 438.5 x 43.5 mm (25.89" x 17.26" x 1.71")	
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% <sup>1</sup>	10% to 85% <sup>1</sup>

<sup>1</sup> 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.

## DIMENSIONS

Pictures show sample configurations, real product may vary.

