ADLINK
LEADING EDGE AI COMPUTING

AXE-7220TR

Datasheet

2U Short-depth AI GPU Server with AMD EPYC™ 9004/9005 Series Processor

Features

- Single AMD EPYC™ 9004/9005 Series Processor
- 2U Short-depth Chassis (450mm) maximizes rack space efficiency for compact deployments
- Up to 8x DDR5 PC-6400 MT/s DIMM slots
- Supports 2x FHFLDW Gen5 GPUs
- 4x fan modules and SSD drive bays



Specifications

System	Form Factor	2U 19” Rackmount
	Dimension (WxDxH)	438 x 450 x 87mm (17.24 x 17.72 x 3.43 inch)
	Gross Weight	TBC kg (TBC lbs)
	Net Weight	TBC kg (TBC lbs)
Processor	Socket Type	Single Socket SP5 (LGA6096)
	Support CPU Series	AMD EPYC™ 9004/9005 Series Processor
	TDP	Support up to 300W
Chipset	PCH	N/A
GPU	Type	2x FHFLDW GPU Gen5 x16
Memory	Slot Count	8x DIMM slots
	Capacity	Up to 1,024GB
	DIMM Type/Speed	AMD EPYC™ 9004: RDIMM DDR5 4800 MT/s (1DPC), with ECC AMD EPYC™ 9005: RDIMM DDR5 6400 MT/s (1DPC), with ECC
Storage	SATA/NVMe	4x 2.5” SATA SSD
	M.2 (2280)	2x M.2 SATA/NVMe SSD (PCIe Gen5 x4)
PCIe Expansion Slot	Configuration	2x PCIe Gen5 x16 (DW, FHFL) 1x PCIe Gen4 x8 (SS, HHHL)
Cooling	System Fan	4x fan modules (6056 fan)

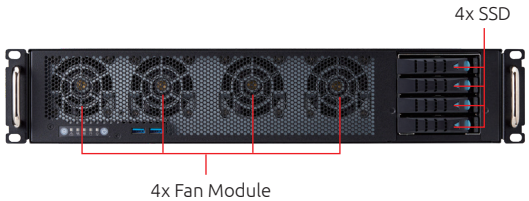
* Follow the latest AMD Population Guideline

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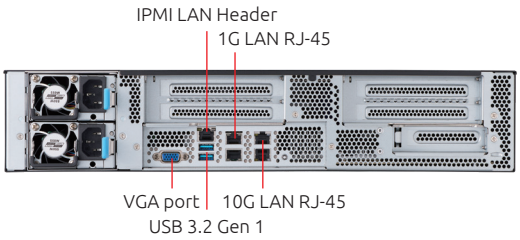
Specifications

Power Supply	PSU Type	2x CRPS
	Efficiency	80 Plus Platinum
	Output Watts	1300W/1600W/2000W
	Voltage	100V to 240V AC @50-60Hz
	Redundancy	1+1
Front I/O	LEDs	HDD, Power, UID, LAN activity
	Button	1x Power button 1x Reset button
Rear I/O	LAN	2x 10 GbE RJ45 ports 2x GbE port (plus additional 1x GbE dedicated for IPMI)
	USB	2x USB Type-A 3.2 Gen1
	Graphic	1x VGA
Security	TPM (Optional)	TPM 2.0 module SPI
BMC Controller	Chipset	ASPEED AST2600 with IPMI 2.0 and Redfish support
BIOS	Chipset	AMI BIOS on SPI flash memory
Environment	Temperature	Operating: 10°C to 35°C (50°F to 95°F), 5%-95% RH @40°C (104°F), non-condensing Storage: -40°C to +70°C (-40°F to +158°F), 5%-90% RH, non-condensing
Operation system	OS	Windows Server 2019/2022/2025 Ubuntu 22.04.5/24.04.2

Front View



Rear View



AMD EPYC

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