

AXE-7440TR

Datasheet

4U AI GPU Server with AMD EPYC™ 9004/9005 Series Processor

Features

- 4U chassis with Single AMD EPYC™ 9004/9005 Series Processor
- Optional PCIe slot up to 4x PCIe Gen5 x16 & 3x PCIe Gen5 x8 via MICO
- Up to 4x double-deck GPU/FPGA accelerator cards
- Supports 8x 3.5"/2.5" SATA SSD or HDD
- 3x Internal fan modules & 2x optional external fan modules




Specifications

System	Form Factor	4U 19" Rackmount
	Dimension (WxDxH)	437.5 x 650 x 176.5mm (17.23 x 25.59 x 6.95 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
Memory	Slot Count	8x DIMM slots
	Capacity	Up to 1,024GB RDIMM
	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	8x 3.5"/2.5" SATA SSD or HDD
	M.2 (2280)	2x M.2 NVMe/SATA SSD (PCIe Gen5 x4)
PCIe Expansion Slot	Configuration	4x PCIe Gen5 x16 (SS, FHFL)
Cooling	System Fan	3x internal Fan modules (12038 fan) 2x external Fan modules (8038 fan, optional)

* Follow the latest AMD guideline

Specifications

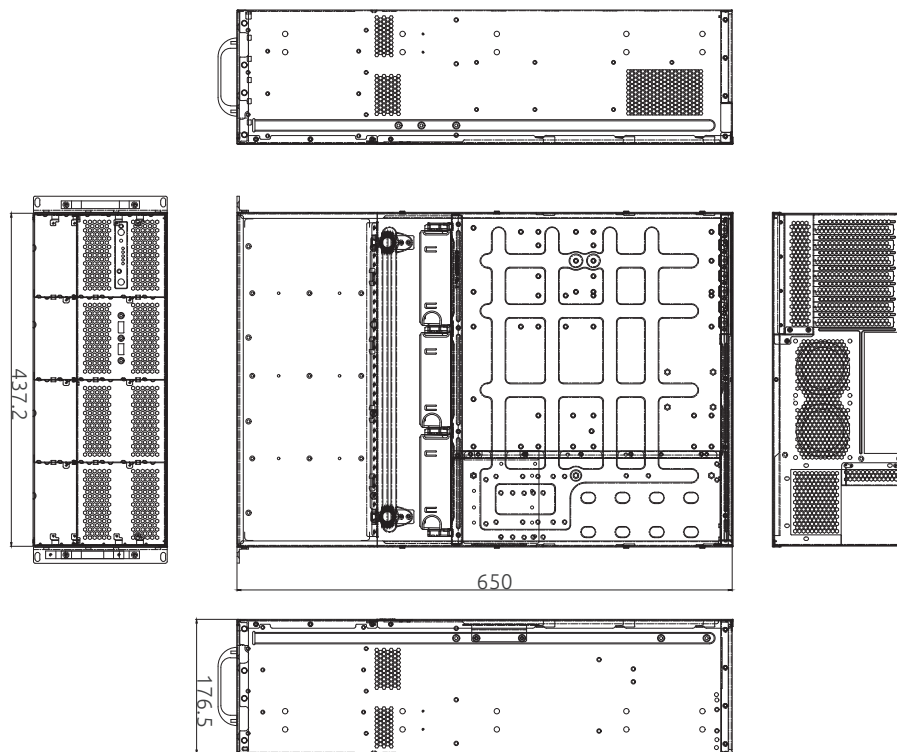
Power Supply	PSU Type	2x CRPS
	Efficiency	80 Plus Platinum
	Output Watts	1600W/2000W
	Voltage	100V to 240V AC @50-60Hz
	Redundancy	1+1
Front I/O	LEDs	HDD, Power, UID, LAN activity
	USB	2x USB 2.0
	Others	1x Power button 1x Reset button
Rear I/O	Ethernet	2x 10 GbE RJ45 ports 2x GbE port (plus additional 1x GbE dedicated for IPMI)
	USB	2x USB Type-A 3.2 Gen1
	Graphic	1x VGA port
Security	TPM (Optional)	Plug-in 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: -5°C to +45°C (23°F to 113°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

* Follow latest AMD Population Guideline

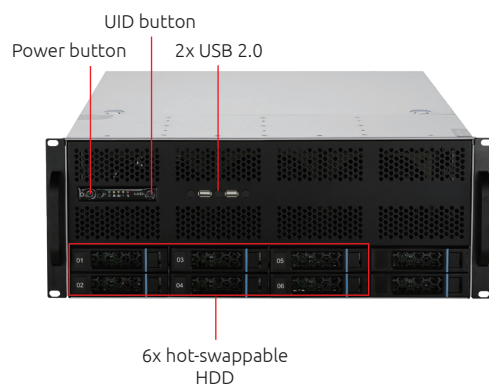
Ordering Information

Part Number	Description
TBD	AXE-7440TR Barebone

Dimension



Front View



Rear View

