ADLINK
LEADING EDGE AI COMPUTING

# 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<br>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)<br>2x external Fan modules (8038 fan, optional) |

* Follow the latest AMD guidline



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## 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<br>1x Reset button |
| Rear I/O | Ethernet | 2x 10 GbE RJ45 ports<br>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<br>Storage: -40°C to +70°C (-40°F to 158°F), 5%-90% RH, non-condensing |
| Operation system | OS | Windows Server 2019/2022/2025<br>Ubuntu 22.04.5/24.04.2 |

* Follow latest AMD Population Guideline

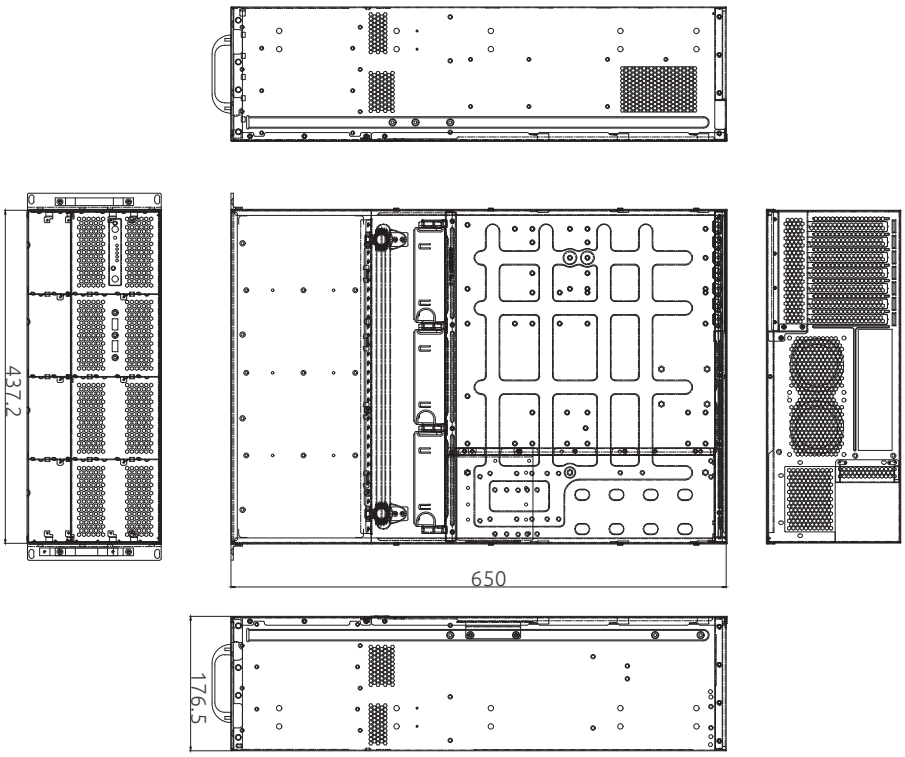
## Ordering Information

| Part Number | Description |
|---|---|
| TBD | AXE-7440TR Barebone |

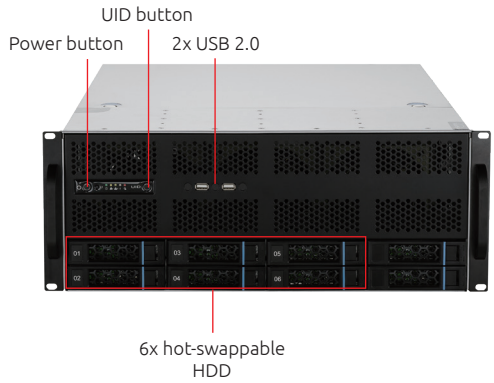


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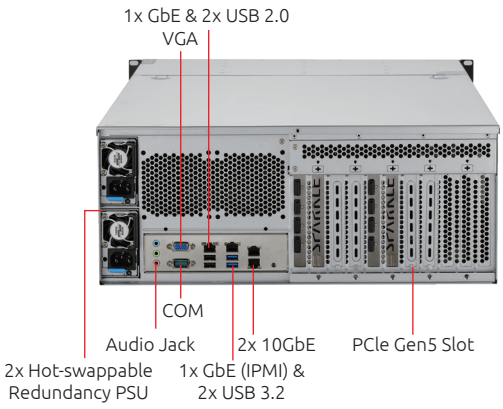
## Dimension




## Front View




## Rear View




AMD EPYC

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