ADLINK
LEADING EDGE COMPUTING

AXE-7220SR

Datasheet

2U Short-depth AI GPU Server with 5th/4th Gen Intel® Xeon® Scalable Processor

Features

- 2U chassis with a single 5th/4th Gen Intel® Xeon® Scalable Processor, up to 225W TDP
- Optional PCIe slot up to 2x PCIe Gen4 x16 or 5x PCIe Gen4 x8
- Support 2x FHFLDW Gen4 GPUs
- Short-depth Chassis (450mm) maximizes rack space efficiency for compact deployments
- 4x hot-swappable 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	15kg (33.07 lbs)
	Net Weight	12kg (26.46 lbs)
Processor	Socket Type	Intel LGA 4677
	Support CPU Series	Single 4th or 5th Gen Intel® Xeon® Scalable Processors, up to 225W TDP
	TDP	Support up to 225W
Chipset	PCH	Intel® C741
GPU	Type	2x FHFLDW GPU Gen4 x16
Memory	Slot Count	6x DIMM slots
	Capacity	Up to 768GB, DDR5 5600MT/s RDIMM*
	DIMM Type/Speed	4th Gen: RDIMM DDR5 4800 MT/s (1DPC) / DDR5 4400 MT/s (2DPC), with ECC 5th Gen: RDIMM DDR5 5600 MT/s (1DPC) / DDR5 5200 MT/s (2DPC), with ECC
Storage	SATA/NVMe	4x 2.5" SATA SSD
	M.2 (2242/2280)	2x M.2 SATA/NVMe SSD (PCIe Gen3 x2)
PCIe Expansion Slot	Configuration	2x PCIe Gen4 x16 (DW, FHFL) 4x PCIe Gen4 x8 (SS, FHFL) 1x PCIe Gen4 x16 (DW, FHFL) + 2x PCIe Gen4 x8 (SS, FHFL) 1x PCIe Gen4 x8 (SS, FHHL)

* Follow the latest Intel® Memory POR

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Specifications

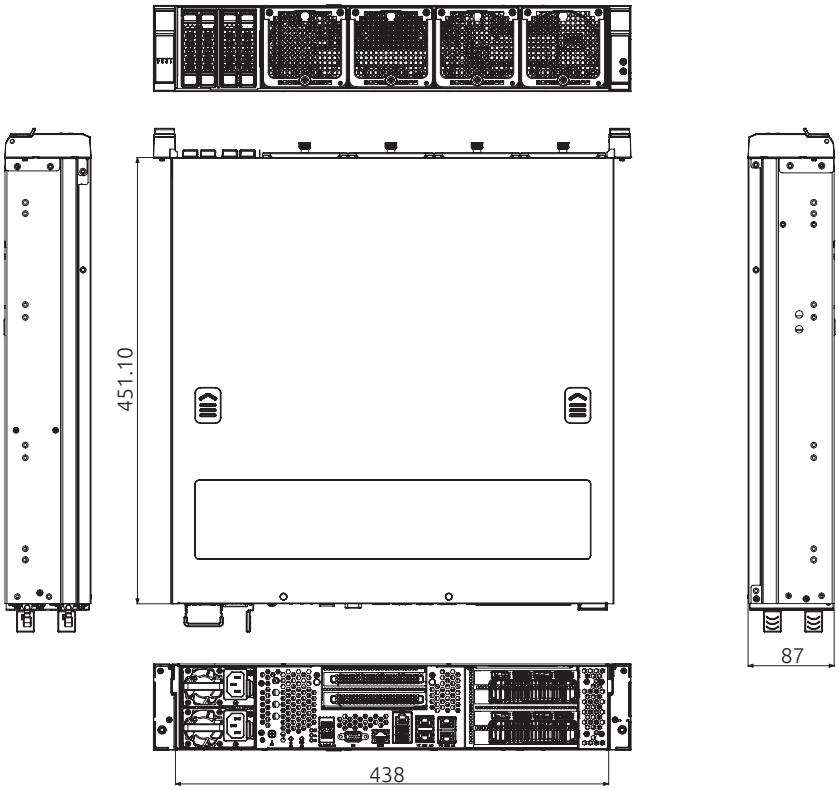
Cooling	System Fan	4x hot-swappable fan modules (4028 fan)
Power Supply	PSU Type	2x CRPS
	Efficiency	80 Plus Platinum
	Output Watts	800W/1300W/1600W
	Voltage	100V to 240V AC @50-60Hz
	Redundancy	1+1
Front I/O	LEDs	HDD, Health, Alert, Power, UID
	Button	1x Power button 1x UID button
Rear I/O	LAN	2x 25GB SFP28 Ethernet ports 2x GbE port (1x GbE is dedicated for IPMI)
	RJ-45	1x remote console port 2x 1PPS/TOD port 1x RGPS port
	USB	2x USB 3.0 1x USB 2.0 (Internal)
	Graphic	1x VGA 1x DB-9 COM
	Button	1x Power button 1x UID button
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: -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 Ubuntu 22.04 LTS CentOS 7.8

Ordering Information

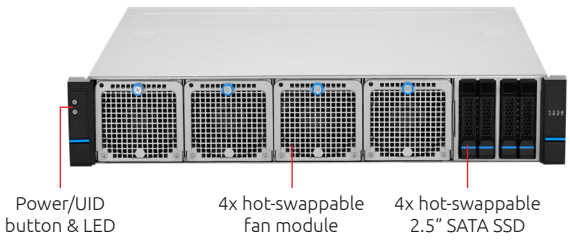
Part Number	Description
93-22810-000E	AXE-7220SR Barebone

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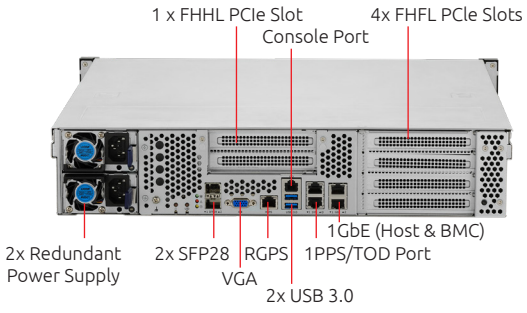
Dimension



Front View



Rear View



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