ADLINK
LEADING EDGE AI COMPUTING

AXE-6120IL

Datasheet

1U Short-depth AI GPU Server with Intel® Xeon® D-1700 series Family Processor

Features

- 1U chassis with single Intel® Xeon® D-1700 Series Family Processor
- PCIe slot up to 1x PCIe Gen3 x16 + 1x PCIe Gen3 x8
- Support 1x FHFL GPU
- Short-depth Chassis (420mm) maximizes rack space efficiency for compact deployments
- 6x smart fan speed control fans modules



Specifications

System	Form Factor	1U 19” Rackmount
	Dimension (WxDxH)	438 x 420 x 440mm (17.24 x 16.54 x 1.7.3 inch)
	Gross Weight	11 kg (24.2 lbs)
	Net Weight	7 kg (15.4 lbs)
Processor	Socket Type	Intel® Xeon® D Ice Lake (FCBGA2227)
	Support CPU Series	Intel® Xeon® D-1700 Family Processor
	TDP	Support up to 90W
Chipset	PCH	Combine with CPU
GPU	Type	1x FHFL GPU Gen3 x16
Memory	Slot Count	3x DIMM slots
	Capacity	Up to 192GB, DDR4 2667MT/s RDIMM*
	DIMM Type/Speed	RDIMM DDR4 2667MT/s (1DPC), with ECC
Storage	SATA/NVMe	2x 2.5” SATA SSD
	M.2 (2242/2280)	2x M.2 (M-Key) NVMe SSD (PCIe Gen3 x4+PCIe Gen3 x2)
PCIe Expansion Slot	Configuration	1x PCIe Gen 3 x16 (FHFL) + 1x PCIe Gen 3 x8 (FHFL)
Cooling	System Fan	6x fans modules
Power Supply	PSU Type	2x Slim
	Efficiency	80 Plus Platinum
	Output Watts	450Wx2
	Voltage	100V to 240V AC @50-60Hz or DC-48V
	Redundancy	1+1

* Follow the latest Intel Memory POR

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Specifications

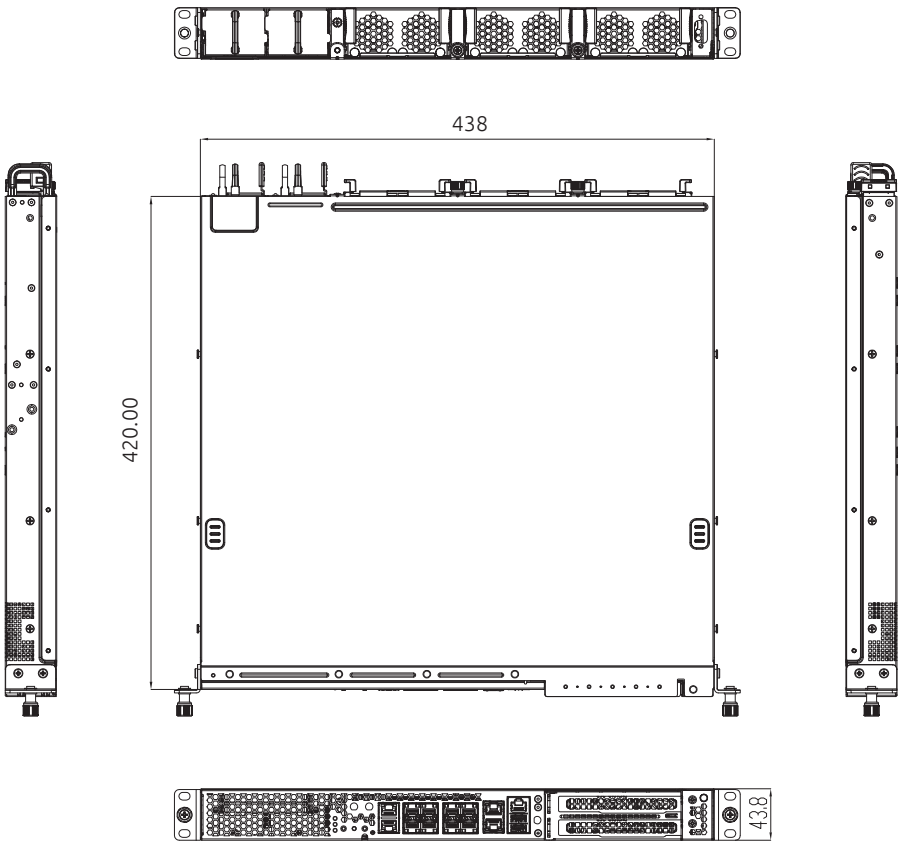
Front I/O	LEDs	HDD, Health, Alert, Power, UID
	Button	1x Power button 1x UID button
	LAN	8x 10G SFP+ ports(10C) 5x 10G SFP+ ports(4C,6C,8C)
	RJ-45	2x RJ-45 100/1000BASE-T Ethernet ports 1x RJ-45 console port 2x RJ-45 1PPS+TOD port
	USB	1x USB 3.0 2x USB 2.0 (1 Internal)
Security	TPM (Optional)	TPM 2.0 module SPI
BMC Controller	Chipset	ASPEED AST2500 with IPMI 2.0 and Redfish support
BIOS	Chipset	AMI BIOS on SPI flash memory
Environment	Temperature	Operating: 0°C to +55°C (32°F to 131°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	Ubuntu 22.04 LTS

Ordering Information

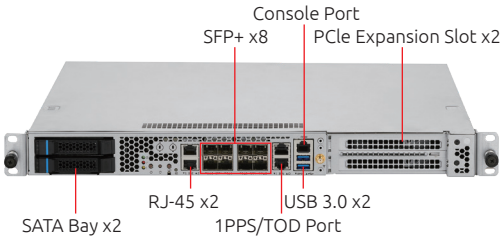
Part Number	Description
93-22807-000E	AXE-6120IL

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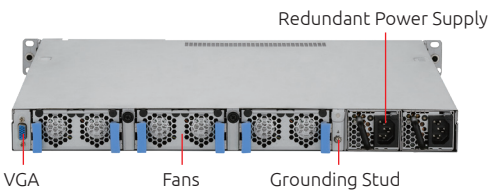
Dimension



Front View



Rear View



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