ALTUS XE4218GT

NEXT-GENERATION POWER FOR ADVANCED ENTERPRISE WORKLOADS AND HYPERSCALE

PENGUIN COMPUTING

OVERVIEW

Modern data centers need flexible computing resources that can be deployed at scale. The Penguin Computing Altus® XE4218GT server provides a dual socket AMD EPYC™ processor platform, fast and efficient memory, and up to eight GPGPUs for high-end data analytics workloads. With powerful compute and dense storage in a 4U form factor, the Altus XE4218GT is an optimal platform for large scale enterprise and hyperscale deployments.

FEATURES & BENEFITS

- Dual AMD EPYC™ Processors at up to 225W each for performance configurations
- Up to eight GPGPUs for high-end data analytics and artificial intelligence workloads at scale
- Storage density of up to twelve 3.5" drive bays, with support for U.2 NVMe drives
- Eight PCIe Gen4 x16 slots for GPGPUs and three PCIe Gen4 x16 low profile slots

FEATURE	TECHNICAL SPECIFICATIONS	
Form Factor	4U Rackmount	
Processors	Processor Number:	2
	Processor Type:	AMD EPYC™ 7002/7003 Series Processors
Motherboard	Chipset:	SoC
Board Management	BMC Chipset:	ASpeed AST2500
	IPMI 2.0:	Yes
Memory	Memory Type:	DDR4-3200MHz ECC
	Memory Capacity:	Up to 4TB (32x DIMMs)
Hard Drive Bays	2.5":	12x
	3.5":	12x
	U.2 NVMe:	8x
Networking	Ethernet Controller:	Intel® X550
	On-Board LAN:	2x 10GbE/RJ45
PCI Expansion Slots	Number of Slots/Gen/Speed (Size):	
	10x PCIe Gen4 x16 (FHFL), 2x PCIe Gen4 x16 (HHHL), 1x OCP Mezz 3.0	

FEATURE	TECHNICAL SPECIFICATIONS	
GPU:	GPU Capable:	Yes
	Supported GPU:	NVIDIA® A100 PCIe
External I/O Interfaces	USB Ports:	2x USB 3.0
	VGA Ports:	Yes
	Serial Ports:	None
Power System	Power Supply Size:	3x 2200W 80Plus Platinum
Mounting Hardware	Rackmount Rails:	Standard Rails included
Operating Environment	Operating Temperature:	10C to 35C (50F to 95F)
	Non-operating Temperature:	0C to 60C (32F to 140F)
	Operating Relative Humidity:	8% to 80% (non-condensing)
	Non-operating Relative Humidity:	20% to 95% (non-condensing)
System Dimensions	Height: 6.93″	
	Width: 17.64″	
	Depth: 34.65″	
Warranty	3 Year Standard; Up to 4 years on-site available	

Learn More
Configure your ideal server at www.penguincomputing.com.

For pricing on your specific configuration,
contact a representative by email at sales@penguincomputing.com or call 1-888-PENGUIN (736-4846).

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About Penguin Computing, a SMART Global Holdings Company
Penguin Computing, a U.S.-based global provider of high-performance computing (HPC), artificial intelligence (AI) and machine learning, and data center solutions, has been serving industry for over 20 years. Penguin offers a comprehensive portfolio of hardware and software including solutions based on the Open Compute Project (OCP), as well as extensive services including financing and top-rated customer support. Penguin Computing products include Linux-based servers, software, integrated turn-key clusters, enterprise-grade storage, and bare metal HPC, all available in hardware or cloud-based solutions via Penguin Computing® On-Demand™ (POD). Penguin Computing is a subsidiary of SMART Global Holdings, Inc.

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