

ALTUS XE2214GT

NEXT-GENERATION POWER FOR ADVANCED ENTERPRISEWORKLOADS AND HYPERSCALE



OVERVIEW

Modern data centers need flexible computing resources that can be deployed at scale. The Penguin Computing Altus® XE2214GT provides a dual socket AMD EPYC™ processor platform, fast and efficient memory, and up to four (4) GPUs for high-end data analytics workloads. With powerful compute and dense storage in a 2U form factor, the Altus XE2114GT 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 four (4) GPGPUs for high-end data analytics and artificial intelligence workloads at scale
- Storage density of up to eight (8) 3.5" drive bays, with support for U.2 NVMe drives
- Four (4) PCIe x16 Gen 4 slots, Two (2) PCIe Gen4 x16 low profile slots

FEATURE	TECHNICAL SPECIFICATIONS
Form Factor	2U 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 2TB DDR4 (16x DIMMs)
Hard Drive Bays	3.5": 8x Hotswap SAS/SATA or 2.5": 8x Hotswap (8x SAS/S ATA, 2x SAS/SATA/U.2 NVMe) U.2 NVMe (2.5"): 8x Hotswap U.2
Networking	Ethernet Controller: Intel® X550-AT2 On-Board LAN: 2x 10GbE/RJ45
PCI Expansion Slots	Number of Slots/Gen/Speed (Size): 4x PCIe Gen4 x16 (FHFL) and 2x PCIe Gen4 x16 (HHHL)

FEATURE	TECHNICAL SPECIFICATIONS	
GPU:	GPU Capable:	Yes
	Supported NVIDIA® GPUs:	NVIDIA® A100 PCIe, NVIDIA® V100/V100S-PCIe, NVIDIA® T4, NVIDIA® RTX™
External I/O Interfaces	USB Ports:	3x USB 3.0
	VGA Ports:	Yes
	Serial Ports:	None
Power System	Power Supply Size:	2x 2200W 80Plus Platinum
Regulatory Compliance	Regulations:	CE, FCC
Mounting Hardware	Rackmount Rails:	Standard Rails included
Operating Environment	Operating Temperature:	10C to 35C (50F to 95F)
	Non-operating Temperature:	0C to 70C (32F to 158F)
	Operating Relative Humidity:	90% (non-condensing)
	Non-operating Relative Humidity:	90% (non-condensing)
System Dimensions	Height:	3.43"
	Width:	17.25"
	Depth:	32.71"
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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