ALTUS XE4218GTS
NEXT-GENERATION POWER FOR ADVANCED ENTERPRISEWORKLOADS AND HYPERSCALE

PENGUIN COMPUTING

OVERVIEW

Modern data centers need flexible computing resources that can be deployed at scale. The Penguin Computing Altus® XE4218GTS server provides a dual socket AMD EPYC™ processor platform, fast and efficient memory, and leverage NVIDIA® Delta 8x A100-SXM for high-end data analytics workloads. With powerful compute and dense storage in a 4U form factor, the Altus XE4218GTS 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
- NVIDIA® Redstone Baseboard (4x A100-SXM) for high-end data analytics and artificial intelligence workloads at scale
- Storage density of up to four 2.5" drive bays, with support for U.2 NVMe drives
- Six (6) 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 2TB (16x DIMMs)
Hard Drive Bays	2.5":	8x
	U.2 NVMe:	2x
Networking	Ethernet Controller:	Intel® I550
	On-Board LAN:	2x 1GbE/RJ45
PCI Expansion Slots	Number of Slots/Gen/Speed (Size):	
	8x PCIe Gen4 x16 (HHHL)	

FEATURE	TECHNICAL SPECIFICATIONS	
GPU:	GPU Capable:	Yes
	Supported GPU:	NVIDIA® HGX A100 8-GPU 40GB
External I/O Interfaces	USB Ports:	2x USB 3.0
	VGA Ports:	Yes
	Serial Ports:	None
Power System	Power Supply Size:	2x 3000W 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: 17.60″	
	Depth: 35.43″	
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).

Purchase with Financing

Finance products, services, even soft costs with Penguin Computing Capital. Choose from options such as no money down, flexible billing choices, extended repayment timelines, and a variety of end-of-term alternatives.

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.

@penguinhpc   @penguincomputing   Penguin Computing   Penguin Computing