

ALTUS X03218GTS

HIGH-EFFICIENCY 30U 8 GPU SERVER FOR THE MOST DEMANDING AI AND ANALYTICS WORKLOADS



OVERVIEW

As more organizations integrate Artificial Intelligence and Machine Learning to their workflows, a powerful GPU platform is key to enabling these applications. The Penguin Computing Altus® X03218GTS is a cutting edge system utilizing the OCP form factor to provide extreme density at the rack level. With support for eight NVIDIA® A100 GPUs in NVIDIA® HGX™ baseboard, this AMD-based system benefits from OCPs infrastructure benefits, including 48V power, along with direct-to-chip liquid cooling to provide more compute and acceleration capabilities in a smaller footprint. Altus X03218GTS is a perfect option for organizations looking to support their teams most demanding workflows.

FEATURES & BENEFITS

- A 30U, 8 GPU server with support for NVIDIA® A100 GPUs and AMD EPYC™ CPUs
- Delivers speed and efficiency with dual AMD EPYC™ 7002/7003 series processors and thirty-two 3200MHz DDR4 DIMMs
- Up to eight (8) U.2 NVMe storage devices

FEATURE	TECHNICAL SPECIFICATIONS
Form Factor	30U Rackmount
Processors	Processor Number: 2 Processor Type: AMD EPYC™ 7002/7003 Series Processors
Memory	Memory Type: DDR4-3200MHz ECC Memory Capacity: Up to 4TB (32x DIMMs)
PCI Expansion Slots	Number of Slots/Gen/Speed (Size): 10x HHHL PCIe (Gen4 x16) slot
GPU Capable	Yes
Supported GPUs	NVIDIA HGX™ A100 XSM4 x8
Power System	Power Supply: OCP Rack V.2 (3 x 48V Busbar)

FEATURE	TECHNICAL SPECIFICATIONS	
Mounting Hardware	(OCP) Tundra® ES Shelf Rackmount Rails:	Standard Rails included
Operating Environment	Operating Temperature:	15C to 35C (59F to 95F)
	Non-operating Temperature:	-40C to 60C (-40F to 140F)
	Operating Relative Humidity:	8% to 80% (non-condensing)
	Non-operating Relative Humidity:	20% to 95% (non-condensing)
System Dimensions	Height: 5.63 inches	
	Width: 21.18 inches	
	Depth: 36.89 inches	
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.

