

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

Visit www.penguincomputing.com to learn more about our servers.

ABOUT PENGUIN SOLUTIONS

An **SGH** Brand

Penguin Solutions accelerates digital transformation with the power of emerging technologies in HPC, AI, and IoT with solutions and services that span the continuum of edge, core, and cloud.

Penguin Computing specializes in innovative and emerging technologies for the world's most demanding workloads.