ALTUS XO1214GT

HIGH-EFFICIENCY 1OU 4 GPU SERVER UTILIZING AMD EPYC 7002 SERIES PROCESSORS



OVERVIEW

As more organizations face challenges growing their compute capabilities, many are looking to the OCP form factor to improve their ROI. For researchers, scientists, and engineers working on compute-intensive projects, an OCP solution built for HPC is ideal. That's why the Penguin Computing® Altus XO1214GT is built on the AMD EPYC 7002 series processor. Altus XO1214GT supports the NVIDIA A100 GPU and the AMD Radeon Instict MI100, letting customers choose the right GPU-acceleration for their workloads. This solution works to accelerate data-intensive workloads that need immense computing power.

FEATURES & BENEFITS

- A 1OU, 4 GPU server with support for NVIDIA® A100 GPUs and AMD® EPYC CPUs
- Delivers speed and efficiency with dual AMD EPYC 7002 series processors and 32 3200MHz DDR4 DIMMs
- Up to four (4) U.2 NVMe storage devices

FEATURE	TECHNICAL SPECIFICATIONS	
Form Factor	1OU	
Processors	Processor Number:	2
	Processor Type:	AMD® EPYC® 7002 Series
Memory	Memory Type:	DDR4-3200MHz ECC
	Memory Capacity:	32 DIMMs
Storage Options	SATA/SAS/U.2:	4x 2.5"
PCI Expansion Slots	Number of Slots/Gen/Speed (Size):	
	2x HHHL PCIe (Gen4 x16) slot	
GPU Capable:	Yes	
Supported GPUs:	NVIDIA A100, AMD Radeon Instinct MI100	
Power System	Power Supply:	OCP Rack V.2 (3 x 12V busbar)

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).**

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 with more than 2,500 customers in 40 countries across eight major vertical markets. 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., and the cornerstone of SMART's newest business unit, Specialty Compute & Storage Solutions (SCSS).

© 2020 Penguin Computing. All rights reserved. Penguin Computing, Scyld ClusterWare, Scyld Insight, Scyld Cloud Workstation, Scyld Cloud Manager, Relion, Altus, Penguin Computing On-Demand, Tundra, Arctica and FrostByte are trademarks or registered trademarks of Penguin Computing, Inc. *The Open Compute Project mark and logo, and the Marks and Logos referenced herein, are all marks of The Open Compute Project Foundation.*