

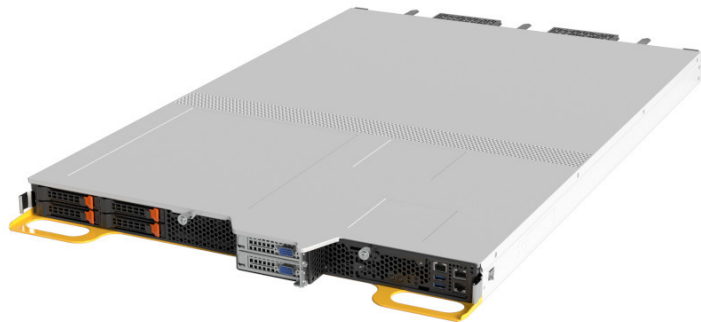
Altus[®] X01214GT

High-Efficiency 10U 4 GPU Server Utilizing AMD EPYC[™] 7002/7003 Series Processors

Key Features

- ▶ Supports two (2) AMD EPYC[™] 2nd Gen Processors at up to 240W each with **Air Cool** and up to 4TB of DDR4 3200MHz memory for lightning performance.
- ▶ Two PCIe GPUs per CPU provide balanced workloads.
- ▶ Up to 32x DDR4 3200MHz ECC memory modules per Altus[®] X01214GT delivers speed and efficiency for data intensive workloads.
- ▶ Four 2.5" hot swap drive bays supporting SATA/U.2 PCIe Gen4 NVMe for fast direct storage.

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[®] X01214GT is built on the AMD EPYC[™] 7002/7003 Series Processors. Altus X01214GT supports the NVIDIA[®] A100 GPU, AMD Radeon[™] Instinct[™] M100, and Xilinx U30, letting customers choose the right GPU acceleration for their workloads. This solution works to accelerate data intensive workloads that need immense computing power.



Technical Specifications	
Form Factor	
10U	
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	32x 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	
GPU Capable	Yes
Supported GPUs	NVIDIA® A100 PCIe
	AMD M100
	Xilinx U30
External I/O Interfaces	
USB Ports	2x USB 3.0 [Front]
VGA Ports	1x
Serial Ports	None
Power System	
Power Supply Size	Open Rack V.2 (3 x 12V Busbar)
Regulatory Compliance	
Regulations	CE, FCC
Mounting Hardware	
(OCP) Tundra ES Shelf	
Operating Environment	
Operating Temperature	15C to 35C (59F to 95F)
Non-operating Temperature	-40C to 60C (-40F to 140F)
Operating Relative Humidity	90% (non-condensing)
Non-operating Relative Humidity	20% to 95% (non-condensing)

System Dimensions	
Height	1.83"
Width	21.14"
Depth	41.46"
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.



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