

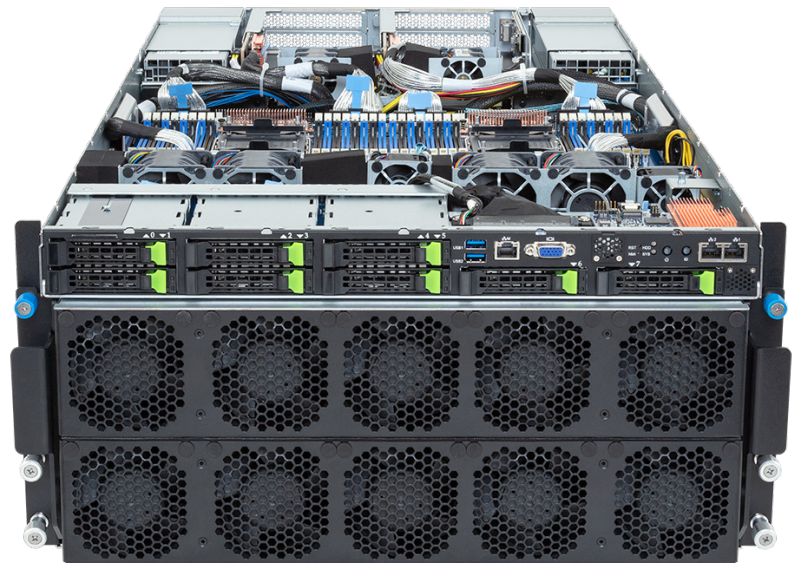
Altus XE5318GT0 GPU Server

Big problems need big solutions.

Key Features

- ▶ Dual AMD EPYC™ 9004 processors
- ▶ Up to 24 DDR5-4800 MT/s memory modules to deliver speed and efficiency for data-intensive workloads
- ▶ Storage density for up to 8x 2.5" hot-swap drive bays with SATA and NVMe support
- ▶ Supports 8 x AMD Instinct MI300X OAM GPUs

Graphics Processing Units (GPUs) have quickly established themselves as the computing tools for the most demanding workloads. As the demands of advanced applications place on Central Processing Unit (CPU) increase, GPUs can offload compute-intensive functions from CPUs and accelerate your time-to-results. The Penguin Computing Altus® XE5318GT0 server is built on the latest GPU technology to offer even greater levels of performance and speed to process intense amounts of data with the least amount of latency.



Technical Specifications		
Form Factor		
Form factor	5U Rackmount	
Processors		
Processor Number	2	
Processor Type	AMD EPYC™ 9004 series	
Maximum TDP	400W	
Motherboard		
Chipset	SoC	
Board Management		
BMC Chipset	ASpeed AST2600	
Dedicated BMC Interface	RJ45	
IPMI 2.0	Yes	
Virtual Media Over LAN	Yes	
KVM Over LAN	Yes	
RedFish	Yes	
Memory		
Memory Type	DDR5-4800 MT/s	
Memory Capacity	Up to 6TB DDR5-4800 MT/s (24 DIMMs)	
Storage System		
Hard Drive Bays	SATA/U.2 NVMe (2.5")	8 Hot-Swappable Bays
	M.2 (2280/22110)	2 PCIe Gen3
Networking		
Ethernet Controller	Intel® X710-AT2	
On-Board LAN	2x 10GbE/RJ45	
PCI Expansion Slots		
Number of Slots/Gen/Speed (Size)	8x PCIe Gen5 x16 LP Slots, 4x PCIe Gen5 x16 FHHL Slots	
GPU		
GPU Capable	Yes, Up to 8x AMD MI300X	
GPU Supported	AMD MI300X OAM	
External I/O Interfaces		
USB Ports	2x USB 3.2 Gen1	
Video Output	1x VGA	
Supported Operating System		
Supported OS	RHEL, Rocky	
Power System		
Power Supply Size	6x 3000W 80Plus Titanium	
Regulatory Compliance		
Regulations	CE, FCC	

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 & Weight	
Height	8.75 inches
Width	17.60 inches
Depth	37.20 inches
Warranty	
Warranty	3 Year Standard; Up to 4 years on-site available