

Altus[®] XE3314GTS Server

Optimal GPU support focused on P2P Performance with NVIDIA[®] NVLink[®]

Key Features

- ▶ Dual AMD EPYC[™] 9004 processors
- ▶ Up to 24 DDR5-4800MHz ECC memory modules per node to deliver speed and efficiency for data-intensive workloads
- ▶ Supports up to 6 PCIe x16 Gen 5 low-profile slots
- ▶ Storage for up to 8 x 2.5" hot-swap drive bays with U.2 NVMe support

Graphics Processing Units (GPUs) have quickly established themselves as the computing tools of the future. As the growth rate of Central Processing Unit (CPU) speeds slows down, GPUs can offload compute-intensive functions from CPUs and accelerate your time-to-results. Penguin Computing[™] Altus[®] XE3314GTS server ideal for anyone that needs to maximize P2P GPU performance in a compact platform.



Technical Specifications		
Form Factor		
Form factor	3U 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	DDR5-4800MHz	
Memory Capacity	Up to 6TB DDR5-4800MHz (24 DIMMs)	
Storage System		
Hard Drive Bays	SATA/U.2 NVMe (2.5")	8 Hot-Swappable Bays
Networking		
Ethernet Controller	Broadcom® BCM57416(Rear) + Intel® I350-AM2(Front)	
On-Board LAN	2x 10GbE/RJ45 (Rear) + 2x 1GbE/RJ45 (Front)	
PCI Expansion Slots		
Number of Slots/Gen/Speed (Size)	4x PCIe Gen5 x16 FHHL (Rear), 2x PCIe Gen5 x16 LP (Front)	
GPU		
GPU Capable	Yes, Up to 4x NVIDIA SXM5	
GPU Supported	NVIDIA HGX™ H100	
External I/O Interfaces		
USB Ports	2 x USB 3.2 Gen1	
VGA Ports	1x MiniDP	
Supported Operating System		
Supported OS	RHEL, Rocky	
Power System		
Power Supply Size	4x 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	5.12 inches
Width	17.64 inches
Depth	31.50 inches
Warranty	
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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