PENGUIN SOLUTIONS

Datasheet

Altus XE3314GTSv2



Optimal GPU support focused on
P2P performance with NVIDIA NVLINK

Overview

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 Solutions® Altus® XE3314GTSv2 server ideal for anyone that needs to maximize P2P GPU performance in a compact platform.

Key Features

- Dual AMD EPYC™ 9005 processors
- Up to 24 DDR5-6400 MT/s 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 Gen5 NVMe support

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Technical Specifications

Form Factor		
Form Factor	3U Rackmount	
Processors		
Processor Number	2	
Processor Type	AMD EPYC™ 9005/9004 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	DDR5-6400 MT/s (EPYC 9005), DDR4-4800 MT/s (EPYC 9004)	
Memory Capacity	Up to 6TB (24 DIMMs)	
Storage System		
Hard Drive Bays	SATA/U.2 NVMe (2.5")	8 Hot-Swappable Bays
	M.2 (2280/22110)	1 PCIe Gen4
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	8-GPU SXM	
GPU Supported	NVIDIA HGX™ H200	
External I/O Interfaces		
USB Ports	2 x USB 3.2 Gen1	
Video Output	1x MiniDP	
Supported Operating System		
Supported OS	RHEL, Rocky	
Power System		
Power Supply Size	2+1 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 Years Standard; For details see the MPSA
Cooling Options	
Air Cooling	Standard
Direct-To-Liquid Cooling	Optional

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Contact Us

For sales queries, please contact sales@penguinsolutions.com.

To learn more about the Altus XE3314GTSv2 Server and other Penguin Solutions products, please visit: www.penguinsolutions.com

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