

ALTUS XE1211 SERVER

NEXT-GENERATION POWER FOR ADVANCED ENTERPRISE WORKLOADS AND HYPERSCALE



OVERVIEW

Modern data centers need flexible computing resources that can be deployed at scale. The Penguin Computing Altus® XE1211 server provides a single socket AMD EPYC™ processor platform, fast and efficient memory, and up to twelve (12) 2.5" NVMe drive bays for flexible and dense storage. With powerful compute and dense storage in a 1U form factor, the Altus XE1211 is an optimal platform for large scale enterprise and hyper-scale deployments.



FEATURES & BENEFITS

- Single AMD EPYC™ 7002/7003 Processor at up to 225W for performance configurations
- Up to 16 DDR4-3200MHz ECC memory modules to deliver speed and efficiency for data-intensive workloads
- Storage density for 12 2.5" hot-swap drive bays with NVMe support
- Two PCIe x16 Gen 4 low profile slots plus one OCP mezzanine slot for additional connectivity

FEATURE	TECHNICAL SPECIFICATIONS
Form Factor	1U Rackmount
Processors	Processor Number: 1 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: Up to 2TB (16x DIMMs)
Hard Drive Bays	2.5": 12x U.2 NVMe M.2 NVMe: 2x M.2 NVMe
Networking:	Ethernet Controller: Broadcom® BCM5720 On-Board LAN: 2x GbE/RJ45
PCIe Expansion Slots:	Number of Slots/Gen/Speed (Size) 1x PCIe Gen4 x16 (FHHL), 1x PCIe Gen4 x16 (HHHL), 1x OCP Mezz 2.0 x16

FEATURE	TECHNICAL SPECIFICATIONS		
GPU	GPU Capable:	No	
External I/O Interfaces	Serial Ports:	None	
	USB Ports:	2x USB 3.0	
	VGA Ports:	Yes	
Power System	Power Supply Size:	2x 850W 80Plus Platinum	
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:	90% (non-condensing)	
	Non-operating Relative Humidity:	90% (non-condensing)	
System Dimensions	Height: 1.69"	Width: 17.26"	Depth: 26.77"
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.