

# RELION XE1212E SERVER

## VERSATILE 1U SERVER OPTIMIZED ACROSS MANY WORKLOADS



### OVERVIEW

The Penguin Computing Relion® XE1212e server is a versatile 1U server powered by dual socket Intel® Xeon® Scalable 3rd Gen Processors with support for Intel® Optane™ 200 series persistent memory. Through work with the world’s leading software vendors, Intel® Xeon® 3rd Gen Scalable Processors are optimized for many workload types and performance levels, all with the consistent, open Intel architecture you know and trust.

### FEATURES & BENEFITS

- Dual Intel® Xeon® Scalable 3rd Gen Processors per node at up to 205W each for performance configurations
- Up to 3TB DDR4-3200MHz or 6TB with Intel® Optane™ 200 series persistent memory (24x DIMMs) per node to deliver speed and efficiency for data-intensive workloads
- Storage density for two M.2 drives per node with NVMe support
- Up to two PCI Express x16 Gen 4 low profile slots per node

FEATURE	TECHNICAL SPECIFICATIONS	
Form Factor	1U Rackmount	
Processors	Processor Number:	2
	Processor Type:	Intel® Xeon® Scalable Processors
Motherboard	Chipset:	Intel C621A Series
Board Management	BMC Chipset:	ASpeed AST2500
	IPMI 2.0:	Yes
Memory	Memory Type:	DDR4-3200MHz; Support new Intel® Optane™ persistent memory 200 Series
	Memory Capacity:	Up to 12TB
Hard Drive Bays	2.5":	Up to 12 x SATA/NVMe Drives
PCIe Expansion Slots:	Number of Slots/Gen/Speed (Size)	
	2x Gen4 PCIe x16 + + 1x Gen4 PCIe x8 + 1x OCP3.0	

FEATURE	TECHNICAL SPECIFICATIONS		
GPU	GPU Capable:	No	
External I/O Interfaces	Serial Ports:	1	
	USB Ports:	1x USB2.0 + 4x USB 3.0	
	VGA Ports:	Yes	
Power System	Power Supply Size:	2x 2100W 80Plus Platinum	
Mounting Hardware	Rackmount Rails:	Standard Rails included	
Operating Environment	Operating Temperature:	15C to 35C (59F to 95F)	
	Non-operating Temperature:	0C to 70C (0F to 158F)	
	Operating Relative Humidity:	30% to 80% (non-condensing)	
	Non-operating Relative Humidity:	20% to 95% (non-condensing)	
System Dimensions	Height: 1.70"	Width: 17.28"	Depth: 28.03"
Warranty	3 Year Standard; Up to 4 years on-site available		

## Learn More

Configure your ideal server at [www.penguincomputing.com](http://www.penguincomputing.com).

For pricing on your specific configuration, contact a representative by email at [sales@penguincomputing.com](mailto:sales@penguincomputing.com) or call 1-888-PENGUIN (736-4846).

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## About Penguin Computing, a SMART Global Holdings Company

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