RELION XE1112E SERVER

A VERSATILE, SCALABLE 1U SERVER FOR DATA CENTER AND HPC WORKLOADS

PENGUIN COMPUTING

OVERVIEW

Modern data centers need flexible computing resources that can be deployed at scale. The Penguin Computing Relion® XE1112e Server provides dual Intel® Xeon® Scalable processors, fast and efficient memory, and up to eight (8) 2.5" drive bays for flexible and dense storage. With powerful compute and dense storage in a single server, the Relion XE1112e Server is an optimal platform for large scale data center and HPC deployments.

FEATURES & BENEFITS

- Dual Intel® Xeon® Scalable Processors at up to 145W each for performance configurations
- Up to twenty-four (24) DDR4-2933MHz ECC memory modules to deliver speed and efficiency for data-intensive workloads
- Storage density for eight (8) 2.5" hot-swap drive bays with SAS/SATA support
- Up to two (2) PCI Express x16 Gen 3 slots plus one (1) OCP mezzanine slot for additional connectivity

FEATURE	TECHNICAL SPECIFICATIONS	
Form Factor	1U Rackmount	
Processors	Processor Number:	2
	Processor Type:	Intel® Xeon® Scalable Processors
Motherboard	Chipset:	Intel Lewisburg C620 Series
Board Management	BMC Chipset:	ASpeed AST2500
	Dedicated BMC Interface:	RJ45
	IPMI 2.0:	Yes
Memory	Memory Type:	DDR4-2933MHz ECC, Intel® Optane™ DC Persistent Memory
	Memory Capacity:	Up to 3TB DDR4 / 6TB with Intel® Optane™ DC Persistent Memory (24x DIMMs)
Hard Drive Bays	2.5":	8x Hotswap SAS/SATA
Networking	Ethernet Controller	Intel X550
	On-Board LAN	2x RJ-45/10GbE
PCI Expansion Slots	Number of Slots/Gen/Speed (Size)	
	2x Gen3 PCIe x16 + 1x OCP Mezz	

FEATURE	TECHNICAL SPECIFICATIONS	
GPU:	GPU Capable:	No
External I/O Interfaces	USB Ports:	2x USB 3.0
	VGA Ports:	Yes
	Serial Ports:	1
Power System	Power Supply Size:	2x 1100W 80Plus Platinum
Regulatory Compliance	Regulations:	CE, FCC
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:	5% to 90% (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.**

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

Purchase with Financing

Finance products, services, even soft costs with Penguin Computing Capital. Choose from options such as no money down, flexible billing choices, extended repayment timelines, and a variety of end-of-term alternatives.

About Penguin Computing, a SMART Global Holdings Company

Penguin Computing, a U.S.-based global provider of high-performance computing (HPC), artificial intelligence (AI) and machine learning, and data center solutions, has been serving the industry for over 20 years. Penguin Computing offers a comprehensive portfolio of hardware and software including solutions based on the Open Compute Project (OCP), as well as extensive services including financing and top-rated customer support. Penguin Computing products include Linux-based servers, software, integrated turn-key clusters, enterprise-grade storage, and bare metal HPC, all available in hardware or cloud-based solutions via Penguin Computing® On- Demand™ (POD). Penguin Computing is a subsidiary of SMART Global Holdings, Inc.

@penguinhpc   @penguincomputing   Penguin Computing   Penguin Computing