

RELION XE2114GT SERVER

HIGH-EFFICIENCY 2U SERVER WITH DENSE GPU SUPPORT AND MAXIMUM UPTIME



OVERVIEW

As more organizations face challenges growing their compute capabilities, they look to GPU accelerators to solve their problems. Deploying GPU's enables researchers to offload compute-intensive functions from CPUs, massively improving processing times. Artificial intelligence and deep learning workloads need immense computing resources to process extreme amounts of data, which benefit from GPU density. The Penguin Computing Relion XE2114GT server includes four (4) GPUs in a 2U rackmount form factor, while offering incredible CPU performance, with two Intel® Xeon® Scalable Processors. Choose the Relion XE2114GT server to accelerate data-intensive workloads that need the computing power of GPUs.

FEATURES & BENEFITS

- Up to four (4) GPUs or accelerators for high-density performance
- Delivers speed and efficiency with two Intel® Xeon® Scalable Processors at up to 205W each and up to 2TB DDR4-2666MHz ECC Memory
- Dual root PCIe complex with two (2) GPUs or accelerators per CPU provides a balanced computing configuration
- Up to eight (8) 3.5" hot-swap SAS/SATA drive bays and a SATA DOM provide flexible direct storage options

FEATURE	TECHNICAL SPECIFICATIONS
Form Factor	2U Rackmount
Processors	Processor Number : 2 Processor Type: Intel® Xeon® Scalable
Motherboard	Chipset: Intel Lewisburg C620 Series Chipset
Board Management	BMC Chipset: ASpeed AST2500 Dedicated BMC Interface: RJ-45
Memory	Memory Type: DDR4-2666MHz ECC Memory Capacity: Up to 2TB (16x DIMMs)
Storage System	Hard Drive Bays: 3.5": 8x 3.5" Hot-swappable SAS/SATA Drives M.2 NVMe: 1x M.2 SATA
Networking:	Ethernet Controller: Intel I350-AM2 On-Board LAN: 2x RJ-45/GbE
PCIe Expansion Slots:	Number of Slots/Gen/Speed (Size) 4x PCIe Gen3 x16 (GPU), 1x PCIe Gen3 x8 (LP), 1x PCIe Gen3 x8 (Proprietary Mezz)

FEATURE	TECHNICAL SPECIFICATIONS		
GPU	GPU Capable:	Yes	
	Supported GPUs:	NVIDIA® Tesla® V100, Tesla P100, Tesla P40, Tesla M40 AMD® Radeon Instinct MI25	
External I/O Interfaces	Serial Ports:	None	
	USB Ports:	2x USB 3.0 + 2x USB 2.0 (Front), 2x USB 3.0 (Rear)	
	VGA Ports:	Yes	
Power System:	Power Supply Size:	2x 1600W 80 Plus Platinum	
Regulatory Compliance:	Regulations:	BSMI, CCC, FCC(Class A)	
Mounting Hardware	Rackmount Rails:	Standard Rails included	
Operating Environment	Operating Temperature:	10C to 35C (50F to 95F)	
	Non-operating Temperature:	40C to 70C (55F to 158F)	
	Non-operating Relative Humidity:	20% to 90% (non-condensing)	
System Dimensions & Weight	Height: 3.5"	Width: 17.3"	Depth: 31.5"
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).

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About Penguin Computing

Penguin Computing, Inc. is a 20-year-old, U.S.-based global provider of high-performance computing (HPC), artificial intelligence (AI), and data center solutions with more than 2,500 customers in 40 countries, across eight major vertical markets. Penguin Computing offers a comprehensive portfolio of hardware, software, and services, including solutions based on the Open Compute Project (OCP), as well as 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 on cloud via Penguin Computing® On-Demand™ (POD).