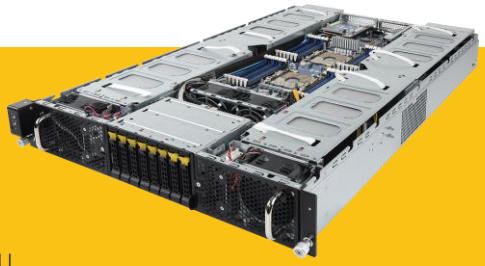
RELION XE2118GT

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



OVERVIEW

As more organizations look to grow their compute capabilities, they look to GPU accelerators to do so. Deploying GPU's allows you to offload compute-intensive functions from CPUs, massively improving processing times. This is why workloads like artificial intelligence and deep learning, which need immense computing resources to process extreme amounts of data, benefit from GPU density. The Penguin Computing Relion® XE2118GT packs 8 GPUs in a 2U rackmount form factor, while not sacrificing CPU performance, with two Intel® Xeon® Scalable Processors. Choose the Relion XE2118GT to power data-intensive workloads that need the computing power of GPU accelerators.

FEATURES & BENEFITS

- Up to eight (8) GPUs or coprocessors for high-density performance
- Delivers speed and efficiency with two Intel® Xeon® Scalable Processors at up to 205W each and up to 3TB DDR4-2933MHz ECC Memory
- Dual root complex with four (4) GPUs or coprocessors from each CPU for a balanced compute configuration
- Up to eight 2.5" hot-swap drive bays with SAS/SATA support and SATA DOM for a range of direct storage options

FEATURE	TECHNICAL SPECIFICATIONS	
Form Factor	2U Rackmount	
Processors	Processor Number:	2
	Processor Type:	Intel® Xeon® Scalable Processors
Motherboard	Chipset:	Intel Lewisburg C620 Series Chipset
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 2.5" Hot-swappable SAS/SATA Drives
Networking	Ethernet Controller	Intel X550
	On-Board LAN	2x 10GbE/RJ45
PCI Expansion Slots	Number of Slots/Gen/Speed (Size)	
	8x PCIe Gen3 x16 (GPU), 1x PCIe Gen3 x16 (LP), 1x PCIe Gen3 (Proprietary Mezz)	

FEATURE	TECHNICAL SPECIFICATIONS	
GPU:	GPU Capable:	Yes
Supported GPUs:	NVIDIA® A100 PCIe, NVIDIA V100/V100S PCIe, NVIDIA T4, NVIDIA RTX	
External I/O Interfaces	USB Ports:	2x USB 3.0
	VGA Ports:	Yes
	Serial Ports:	None
Power System	Power Supply Size:	2x 2000W 80Plus titanium
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 & Weight	Height: 3.44" Width: 17.63" Depth: 31.50"	
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, 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.

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