

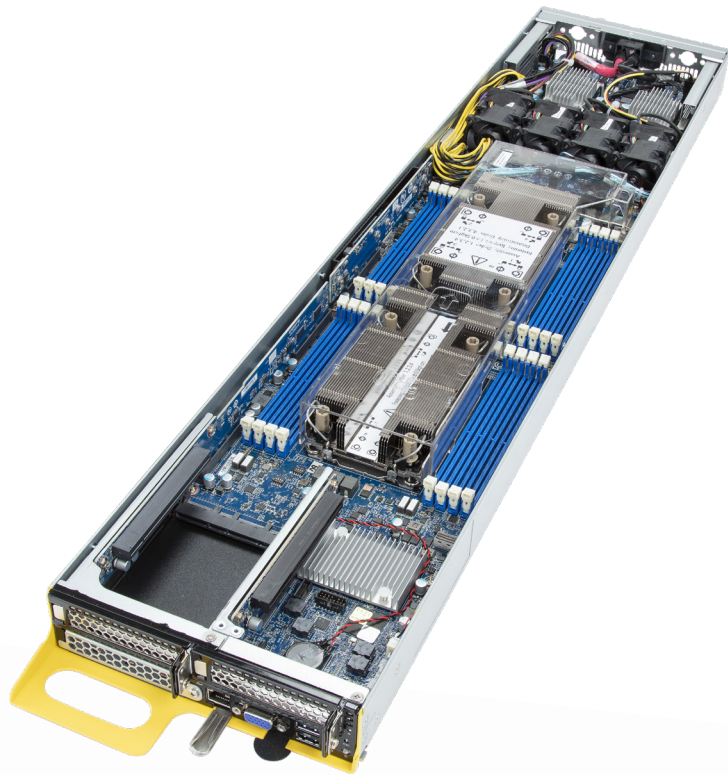
# Relion<sup>®</sup> X01332g Server

A fast, extremely dense 10U, 1/3 width OCP Server ideal for data-intensive workloads

## Key Features

- ▶ A flexible 10U, 3-Node OCP server, ideal for general purpose HPC workloads
- ▶ Supports two (2) Intel<sup>®</sup> Xeon 4th Gen Processors up to 350W each with 4TB/socket of DDR5-4800MHz ECC memory for lightning-fast performance
- ▶ Up to sixteen (16) DDR5-4800MHz memory modules per node to deliver speed and efficiency for data-intensive workloads
- ▶ 4 UPI link support Xeon 4th Gen HBM CPU SKUs

As more organizations move to infrastructure based on the Open Compute Project (OCP), servers that comply with the highly-efficient OCP form factor design while also providing the performance necessary for modern HPC needs are increasingly important. That's why the Penguin Computing Relion<sup>®</sup> X01332g includes small form factor E1.S storage options, fast DDR5 memory modules, and powerful Xeon 4th gen processors. Choose the Relion X01332g for your most demanding, data-intensive workloads while also improving your data center's efficiency, as a basis for a Tundra<sup>®</sup> Extreme Scale HPC System.



Technical Specifications		
<b>Form Factor</b>		
Form factor	10U 3 nodes	
<b>Processors</b>		
Processor Number	2	
Processor Type	Intel® Xeon® Scalable Processor, Sapphire Rapids (SPR)	
Maximum TDP	225W~270W	
<b>Motherboard</b>		
Chipset	SoC	
<b>Board Management</b>		
BMC Chipset	ASpeed AST2600	
Dedicated BMC Interface	RJ45	
IPMI 2.0	Yes	
Virtual Media Over LAN	Yes	
KVM Over LAN	Yes	
RedFish	Yes	
<b>Memory</b>		
Memory Type	DDR5-4800MHz	
Memory Capacity	Up to 4TB per socket	
<b>Storage System</b>		
Hard Drive Bays	E1.S	2 per node
<b>Networking</b>		
Ethernet Controller	Intel i350-AT2	
On-Board LAN	2x 1GbE/RJ45	
<b>PCI Expansion Slots</b>		
Number of Slots/Gen/Speed (Size)	2x PCIe Gen5 x16 FHHL	
<b>Mezzanine Expansion Options</b>		
OCP Mezzanine	Storage OCP Mezz	N/A
	Network OCP Mezz	1x OCP3.0
<b>Supported Operating System</b>		
Supported OS	RHEL, Rocky	
<b>Regulatory Compliance</b>		
Regulations	CE, FCC, UL	
<b>Mounting Hardware</b>		
Rackmount Rails	Standard Rails included	
<b>Operating Environment</b>		
Operating Temperature	10C to 35C (50F to 95F)	
Non-operating Temperature	0C to 60C (32F to 140F)	
Operating Relative Humidity	30% to 80% (non-condensing)	
Non-operating Relative Humidity	20%-95% (non-condensing)	

System Dimensions & Weight	
Height	3.44 inches
Width	17.2 inches
Depth	32.1 inches
Machine Weight	Approximately 55 lbs
Shipping Weight	Approximately 65 lbs
Warranty	
Warranty	3 Year Standard; Up to 4 years on-site available

## Learn More

Visit [www.penguincomputing.com](http://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.



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