

RELION X01132E SERVER

A FAST, EXTREMELY DENSE ONE-THIRD WIDTH, 10U OCP SERVER FOR DATA-INTENSIVE WORKLOADS




OVERVIEW

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® X01132e server includes flexible storage options, fast and efficient memory modules, and powerful processors. Choose the Relion X01132e for your most demanding, data-intensive workloads while also improving your datacenter's efficiency, or as a basis for a Tundra® Extreme Scale HPC System.

FEATURES & BENEFITS

- A flexible 10U, One-Third Width OCP server, ideal for general purpose HPC workloads
- Supports two (2) Intel® Xeon® Scalable Processors at up to 145W each with 2TB of DDR4-2933MHz ECC memory for lightning-fast performance
- Up to 16 DDR4-2666MHz ECC memory modules per system delivers speed and efficiency for data-intensive workloads
- Various NVMe/SAS/SATA drive options enable fast, direct storage tailored to your workload

| FEATURE | TECHNICAL SPECIFICATIONS | |
|----------------------------|----------------------------------|---|
| Form Factor | 20U - 3 Node OpenRack | |
| Processors | Processor Number:2 |  |
| | Processor Type: | |
| Motherboard | Chipset: | Intel Lewisburg C620 Series Chipset |
| Board Management | BMC Chipset: | ASpeed AST2500 |
| | Dedicated BMC Interface: | RJ45 |
| Memory | Memory Type: | DDR4-2933MHz ECC, Intel® Optane™ DC Persistent Memory |
| | Memory Capacity: | Up to 2TB DDR4 / 4TB with Intel® Optane™ DC Persistent Memory (16x DIMMs) |
| Storage System | Hard Drive Bays | 2x SAS/SATA/SSD, 1x M.2 SATA |
| Networking | Ethernet Controller | Intel X550 |
| | On-Board LAN | 2x GbE/RJ-45 or 2x 10GbE/SFP+ |
| PCI Expansion Slots | Number of Slots/Gen/Speed (Size) | |
| | 2x PCIe Gen3 x16 (LP) | |

