



NexServ XRV-5232 x4 2U Server

The innovative NexServ XRV-5232 x4 Server is a 2U high-density rack system that achieves breakthrough server performance to easily meet the ever-increasing efficiency, density and low-TCO demands of today's high performance computing (HPC) clusters and data centers.

The NexServ XRV-5232 x4 Server boasts four independent hot-pluggable nodes, with each node supporting up to 8x DIMMS of DDR3-1600, PCI-E 3.0 technology and optional InfiniBand QDR. This allows the XRV-5232 x4 to provide a high-speed interconnect, while delivering unmatched I/O capacity and expandability in a high-density form factor. Each node is also powered by dual Intel's® Xeon® E5-2600 or E5-2600 V2 series 64-bit Processors, which automatically and intelligently adjusts server performance according to your application needs for increased performance while using less operating power.

Additionally, access and service to the NexServ XRV-5232 x4 Server's four nodes is quick and easy. Dedicated node level cooling eliminates the risk that single fan failure will throttle all four nodes and features separate independent front panel controls, as well as power and PCI Express on pluggable connectors.

Latest Technology and Remote Monitoring

As the leader in providing our valued customers the best in-market, NCS is proud to offer the lat-

est technology to support your latest software applications and deliver longer lifecycle support. The XRV-5232 x4 Server also features an optional enhanced KVM over LAN feature so you can manage the appliance remotely.

Resource Optimized Just for You

The XRV-5232 x4 Server boasts industry leading performance-per-Watt/per-Dollar on the market and helps your business to meet workload demands with superb stability, efficiency and long term business value.

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Form Factor	2U Rack Mountable
Number of Server Nodes	4
Total Number of Processors	8
Max. Memory	1024GB
Total Number of Drives	12
Dimensions (W x H x D)	17.2" x 3.5" x 30.5" / 436.88mm x 88.9mm x 774.7mm
Each Node Features:	
Processor	Intel® Xeon® E5-2600 or E5-2600 V2 Series 64-bit Processors up to 12 Cores; QPI up to 8 GT/s; L3 Cache up to 30MB
Sockets	2
Chipset	Intel® C602 Chipset
System Management	IPMI 2.0 + KVM with Dedicated LAN (Optional)
Memory	Up to 256GB (8x DIMM Slots): 2GB/4GB/8GB/16GB/32GB, Up to 1600MHz DDR3 Reg ECC Memory
Drive Bays	3x 3.5" SATA3/SAS2 Hot-Swap HDD Bays
I/O Ports	Onboard NICs: 2x Gigabit Ethernet LAN Ports USB Connectors: 2x Rear USB 2.0 Ports
Expansion Slots	1x PCI-E Gen 3.0 x16 and 1x IO Expansion PCIe x8 Module
InfiniBand	InfiniBand QDR (40Gb/s) (Optional)
TPM	Intel® TPM Version 1.2
Power Supply	2x Redundant 1600W Platinum Level Power Supplies
Fans	3x Dual Rotor Fans



7669 Limestone Drive
 Gainesville, VA 20155
 Toll-Free: 1 (888) RING-NCS
 Voice: (703) 743-8500 / Fax: (703) 621-1701
www.ncsf.com

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