



NexServ XPV-54P4 / XRV-54P4 Server

The quad-socket NexServ XPV/XRV-54P4 Server delivers high performance for enterprise mission-critical applications, e-Commerce, virtualization, and graphics.

High Performance at Its Best

The NexServ XPV/XRV-54P4 Server features up to 1TB of DDR3 memory in 32 DIMM slots, Dual 10Gig Ethernet LAN, and PCI-E 3.0 technology. With up to 32 cores in a single system (using Intel's latest E5-4600 Series Processors, and a redundant hot swap high efficiency power supply, the NexServ XPV/XRV-54P4 delivers performance that is ideal for your most data-demanding workloads with improved scalability and increased memory and I/O capacity, allowing you to handily adapt to changes in short-term business demands and address requirements for longer-term business growth. These advanced reliability and security features work to maintain data integrity, accelerate encrypted transactions, and maximize the availability of mission-critical applications.

The NexServ XPV/XRV-54P4 Server is ideal for database, HPC, surveillance, virtualization, and simulation applications.

Latest Technology and Remote Monitoring

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

technology to support your latest software applications and deliver longer lifecycle support. The XPV/XRV-54P4 is also equipped with an enhanced KVM over LAN feature so you can manage the appliance remotely.

Resource Optimized Just for You

The XPV/XRV-54P4 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.

NexServ XPV-54P4 / XRV-54P4 Server

Form Factor	4U Rackmount or Pedestal Server Chassis
Processor	Intel® Xeon® E5-4600 Series Processor (8-Core), with QPI up to 8.0 GT/s
Processor Sockets	4
Chipset	Intel® C602 Chipset
System Management	Intelligent Platform Management Interface v.2.0 (IPMI 2.0) IPMI 2.0 With Virtual Media Over LAN and KVM-Over-LAN support Winbond® WPCM450 BMC with Dedicated RJ45 LAN Port
BIOS	16MB SPI Flash EEPROM with AMI® BIOS
Memory	32x 240-pin DDR3 DIMM Sockets Supports Up to 1TB DDR3 Registered Memory
Networking & Management	Intel® X540 Dual Port 10GBase-T Virtual Machine Device Queues Reduce I/O Overhead Supports 10GBase-T, 100BASE-TX, and 1000BASE-T, RJ45 Output 1x Realtek RTL8201F PHY (Dedicated IPMI)
HDD Support	5x 3.5" SAS/SATA Hot-Swap Drive Bays Optional 6x 5.25" Drive Bays Support Up To 10x 3.5" HDDs, or 24x 2.5" HDDs, or a Combination Of Both 8-port LSI 2208 6Gbps SAS RAID Controller with RAID 0, 1, 5, 6, 10, 50, 60 Optional Battery Back-up Supported
Peripheral Bays	3x 5.25" Drive Bays
I/O Ports	<i>Onboard NICS:</i> 2x 10Gig Ethernet LAN Ports <i>USB Connectors:</i> 4x Rear USB 2.0 USB Ports 1x Dedicated LAN Port for IPMI 1x Fast UART 16550 Serial Port
Expansion Slots	4x PCI-E 3.0 x16 (2 in x8) Slots
Power Supply	Redundant 1400W High-Efficiency AC Power Supply with Digital Switching Control & PMBus 1.2
Dimensions (W x H x D) & Weight	18.2" x 7.0" x 28.4" / 462mm x 178mm x 721mm; 65lb / 29.7kg
Fans	3x 92mm RPM Hot-Swappable Cooling Fans, 3x 80mm RPM Hot-Swappable Rear Exhaust Fan
Environmental	Operating Temperature: 10° to 35° C / 50° to 95° F Storage Temperature: -40° to 70° C / -42° to 158° F Relative Humidity: 8% to 90% (Non-Condensing) Non-operating Relative Humidity: 5% to 95% (Non-Condensing) & ROHS



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