



NexServ XPQ-3100 Server

The NexServ XPQ-3100 is a reliable and budget-friendly tower server that offers outstanding value and performance.

IT Made Simple

The NexServ XPQ-3100 Server is the ideal entry-level server with the right combination of value, reliability, and performance to improve your business continuity and productivity.

- **Power & Versatility:** The NexServ XPQ-3100 is powered by either the latest Xeon® processor E3 family or the 2nd gen. Core™ i3 Series processors, which delivers significant performance increase with new processor micro architecture delivering world-class performance and superior energy/power efficiency. The NexServ XPQ-3100 also features fast, scalable and energy-efficient memory (up to 32GB of DDR3 memory at 1333 MHz), which ensures ample capability and energy-efficient performance for any application.
- **Resource Optimized Just for You:** The NexServ XPQ-3100 also boasts dual Gigabit Ethernet LAN ports; two (x8) PCI-E 2.0 in x8 Slots and one (x4) PCI-E 2.0 in x8 Slot; and two additional external drive bays for additional customization. The NexServ XPQ-3100 also includes IPMI 2.0, an advanced system management capability designed to ease system monitoring. Simply stated, the NexServ XPQ-3100 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.
- **Suitable For a Wide Range of Uses:** The NexServ XPQ-3100 is ideal for IT infrastructure, file/print, web applications, email, small virtualization deployments, and entry HPC implementations.

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Processor	LGA 1366 Socket Intel® 2nd Gen Core™ i3 Processor & Next Gen. Intel® Xeon® Processor
Chipset	Intel® C202 PCH Chipset
BIOS	32MB SPI Flash EEPROM with AMI® BIOS
System Memory	4 DIMM Sockets Supporting up to 32 GB DDR3-1333/1066 MHz ECC Un-Buffered memory (UDIMM) Dual Channel Memory Bus
HDD Support	4x 3.5" SAS/SATA Hard Drive Bays 6x SATA 2.0 (3Gbps) w/ RAID 0, 1, 5, 10
Networking & Management	Dual Intel® 82579LM and 82574L Gigabit Ethernet Controllers Virtual Machine Device Queues High efficient I/O Overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 Output Intel® I/OAT 3 Support For Fast, Scaleable, And Reliable Networking VMDq Support For Better Performance Of Virtualization
Peripheral Bays	2x 5.25" External Drive Bays
Expansion Slots	2 (x8) PCI-E 2.0 in x8 Slots 1 (x4) PCI-E 2.0 in x8 Slot
I/O Ports	9x (Total) USB 2.0 Ports (2x USB Rear Ports, 1x USB Type-A, 6x USB Ports via internal header) 1x VGA Port 2x RJ-45 LAN Ports 2 Fast UART 16550 Serial Ports (1x DB9, 1x via internal header) 6x SATA 2.0 3Gb/s Ports 6x Audio Jacks
Power Supply	300W AC Power Supply w/ PFC 80+ Bronze Certified
Dimensions (H x W x D) / Weight	14.25" x 7.25" x 16.75" (362mm x 178mm x 425mm) / 24 lbs (10.9 kg)
Operating Temp	Operating Temperature: 10° to 35° C (50° to 95° F) Non-Operating Temperature: -40° to 70° C (-40° to 158° F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-Operating Relative Humidity: 5 to 95% (non-condensing)
Form Factor	Mid-Tower Server Chassis



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