



Viglen IX3300/R Server

IT's Personal



A compact and highly integrated server system for high-density, energy-efficient computing.

The rack-optimised and highly integrated Viglen IX3300/R Server is the ideal choice for high-density computing in a 1U rack chassis.

A powerful, yet affordable set of features provide maximum performance with no increase in power consumption, while power efficient architecture and efficient power supplies help to reduce overall operating costs. The IX3300/R Server is the lightest dual socket server available in this family offering enhanced memory capacity using DDR3 technology and more flexible options in a small capacity.

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Great
Minds
Think

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Viglen IX3300/R Server

Faster and Smarter

The next generation of Viglen workgroup servers adapt to application behaviour by automatically adjusting processing power to deliver maximum performance, scaling energy usage to the workload and offering best-in-class virtualisation — all while allowing manual configuration for greater IT control.

Server Management

All Viglen Servers ship with Intel® System Management Software, a suite of tools that simplifies IT management. The Intel® Deployment Toolkit reduces the set-up time associated with deploying a new server. Intel® Active System Console is a simple way to monitor the health of your server hardware.

Intelligent Performance

The Intel® Xeon® Processor 5500 series, based on next-generation Intel® micro architecture, intelligently delivers the best possible performance. Intel® Turbo Boost Technology automatically increases frequency when conditions allow. Intel® Hyper-Threading Technology increases performance for multi-threaded applications or multitasking scenarios. Intel® QuickPath Technology offers best-in-class bandwidth and memory.

Scaling Power Consumption

With Intel® Intelligent Power Node Manager you can use the policy-based power and thermal Management to reduce energy costs even as rack density is increased.

Flexible Virtualisation

Intel® Virtualisation Technology (Intel VT) is specifically designed to maximise hardware utilisation in a virtualisation environment. It also allows different generations of Intel Xeon processors to exist within the same virtualisation pool. With built-in hardware assistance it delivers peak performance during high-use periods, improving flexibility for failover, load balancing and disaster recovery and enabling the reduction of energy cost during low-use periods.



Specification

<ul style="list-style-type: none"> ◆ Form Factor 1U Rack ◆ Server board Intel® Server Board S5520UR ◆ Chipset Intel® 5520 Chipset with ICH10R ◆ Processor Support Intel® Xeon® 5500 series processors (code named Nehalem) ◆ Number of Processors Supported Up to two ◆ Intel® QPI (GT/s) 4.80, 5.86 and 6.40 GT/sec ◆ Memory Up to 96GB DDR3 Registered DIMMs (800/1066/1333MHz) ◆ Total Memory Slots Twelve DIMM sockets through 6 memory channels ◆ Drive Bays Three Hot Swap 3.5" SATA/SAS HDD bays ◆ RAID Support Integrated <ul style="list-style-type: none"> • Intel® Embedded Server RAID Technology with host-based software RAID levels 0, 1 and 10 Optional <ul style="list-style-type: none"> • Software RAID 5 with activation key (SATA only) (PSXSR161) • Validated RAID controllers 	<ul style="list-style-type: none"> ◆ Optical Bay One slim SATA optical drive bay ◆ Storage Six SATA ports (3 Gbps) via ICH10R ◆ Integrated LAN Embedded Intel® Dual Gigabit Controller with Intel® Virtualization Technology ◆ Integrated Graphics Onboard graphics with 32MB ◆ Add-in card support <ul style="list-style-type: none"> • One Intel® I/O Expansion Module • One full-height (PCI Express 2.0 x16) ◆ Optional Expansion Modules <ul style="list-style-type: none"> • Dual Gigabit Ethernet (CNCEP10M) • Quad-port Gigabit Ethernet (CNCEP40M) • 4 port external SAS (PSXSR002) • Single port Mellanox SDR InfiniBand (PSXSR003) • Dual-port CX4 10 Gigabit Ethernet (CNCEPCXM) ◆ Server Management <ul style="list-style-type: none"> • Intel® Server Management Software 3.1 • Intel® Deployment Assistant 3.0 ◆ Management Hardware Integrated <ul style="list-style-type: none"> • IPMI 2.0 baseboard management controller Optional <ul style="list-style-type: none"> • Intel® Remote Management Module 3 (PSXSRMU3) ◆ System Cooling Five Non redundant dual-rotor fans 	<ul style="list-style-type: none"> ◆ Power Supply 600-watt high efficiency fixed ◆ Front Panel Features <ul style="list-style-type: none"> • Power LED • Hard Drive Activity LED • System status LED • Power/sleep switch • Two NIC LEDs • Reset switch • NMI switch • System ID LED • VGA port • Bootable USB 1.1 port ◆ Rackmount Kits Included Basic rail kit. (Does not support Cable Management Arm.) Optional <ul style="list-style-type: none"> • Full extending rail kit (PSXSRUFR) • Cable Management Arm be used with (PSXSRUCM) ◆ Dimensions (H x W x D) 1.7" (43.3mm) x 16.9" (430mm) x 27.19" (690.6mm)
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