



Viglen IX3100 Pedestal Server

IT's Personal



DDR3 memory providing 2x improved performance over DDR2



Integrated SATA RAID controller with upgrade options to SAS RAID solutions



Intelligent Intel® Xeon® 5500 series processors using Intel® Quick Path Interconnect technology



Highly flexible storage configurations providing up to 16TB capacity



Embedded Dual Intel® Gigabit Ethernet ports

The Viglen IX3100 is built around next generation intelligent Intel® Xeon® 5500 Series processors using Intel Quick Path Interconnect Technology to deliver outstanding performance and smooth multitasking. The architecture supports triple-channel DDR3 registered memory with ample capacity to support demanding applications and virtualisation.

Its highly flexible storage options offer the choice of four or eight 3.5" drive bays available in fixed or hot-swap configurations with a storage capacity of up to 16TB. This general purpose server has improved chassis design complemented by quiet operation and lower power consumption – the IX3100 is your choice for the next generation of server deployment.



Great Minds Think





Viglen IX3100 Pedestal 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 band width and memory.

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.

Upgrade to the Intel Remote Management Module allowing secure access to control servers remotely from anywhere

Specification

<ul style="list-style-type: none"> ◆ Form Factor Pedestal Chassis with 5U Rack mount option ◆ Server Board Intel® Server Board S2600CP ◆ Chipset Intel® 5500 chipset with Intel® I/O Controller Hub ICH10R ◆ Processor Support Intel® Xeon® 5500 series processors (codenamed Nehalem) ◆ Number of Processors Supported Up to two ◆ Intel QPI 4.80, 5.86 and 6.40 GT/sec ◆ Memory Up to 72GB Registered DDR3 ◆ Total Memory Slots Nine DIMM sockets through six memory channels ◆ Drive Bays <ul style="list-style-type: none"> • Four or 8x 3.5" HDD bays available in Fixed or Hot-Swap • Three 5.25" bays 	<ul style="list-style-type: none"> ◆ Integrated LAN Embedded dual Intel® 82575EB Gigabit Ethernet Controller with Intel® Virtualization Technology ◆ RAID Support <ul style="list-style-type: none"> Integrated <ul style="list-style-type: none"> • Six SATA ports with on-board controller supporting software RAID 0, 1 or 10 (Note: One SATA port used for optical drive) Optional <ul style="list-style-type: none"> • Integrated SATA RAID 5 with activation key • Choice of RAID controllers ◆ Integrated Graphics Onboard graphics ◆ Add-in Card Support Four full height PCI-e expansion slots ◆ Server Management <ul style="list-style-type: none"> • Intel® Server Management Software 3.1 • Intel® Deployment Assistant 3.0 ◆ Management Hardware <ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> ◆ System Cooling Three 120mm fans (1x rear cold-swap system fan, and 2x front, 1x hot-swap system fans) ◆ Power Supply 600/700Watt fixed with optional upgrade to 700Watt 1+1 redundant ◆ Front Panel features <ul style="list-style-type: none"> • Power LED • Hard drive activity LED • System status LED • Reset switch • Bootable USB 1.1 port ◆ Dimensions (HxWxD) <ul style="list-style-type: none"> Pedestal: 445mm x 218mm x 683mm Rackmount: 218mm x 445mm x 683mm (5U) ◆ Weight 28KG (chassis only)
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