

The Unisys ES3000 Family of Servers

The Unisys ES3220L Enterprise Server



Product Overview

The highly versatile Unisys ES3220L Enterprise Server is suited to a broad variety of corporate workloads. This 2-socket, 2U Intel® Xeon® processor rack server delivers the ideal combination of internal expandability and rack density. It provides your business the ability to maximize server performance while optimizing data center space usage. Designed for deployment in a broad set of enterprise applications including database, email, network infrastructure, and application virtualization, the ES3220L Enterprise Server has the flexibility and performance that modern businesses require with the reliability and security they depend upon.

Product Highlights

- Quad-core Intel® Xeon® processors deliver superior performance.
- Leading drive configuration flexibility - choose SAS or SATA, 2.5" or 3.5", plus internal backup option.
- Real-time power monitoring option assists IT management in data center planning and optimization.
- Trusted Platform Module support ensures secure computing environment.

Typical Deployment Scenarios

- Virtualization - consolidate multiple small application environments leveraging the ES3220L Server 32GB memory footprint and eight processor cores.
- Mail and messaging – with three PCI slots, dual GB Ethernet controllers, and embedded RAID capability, the ES3220L Server has the configuration flexibility and I/O capacity to tackle typical mail and messaging workloads.
- Database – take advantage of up to 6TB of internal storage plus latest quad-core Intel® Xeon® processor performance to power small- to mid-sized database workloads.

Features	Unisys ES3220L Enterprise Server
Form Factor	2U rack
Processors	Up to two quad-core or dual-core Intel® Xeon® 5400, 5300, 5200, or 5100 series processors
Cache	Intel® Xeon® 5400: 2x6MB; Intel® Xeon® 5300: 2x4MB; Intel® Xeon® 5200: 2x6MB; Intel® Xeon® 5100: 4MB
Front Side Bus	1066 MHz or 1333 MHz (subject to processor selection)
Memory	Up to 32GB (8 FBD DIMM slots): 512MB/1GB/2GB/4GB 667MHz Fully-Buffered DIMMs (FBD) in matched pairs; ECC, Spare Row & SDDC memory availability options
Hard Drives	2.5 inch SAS (10K & 15K rpm); 3.5 inch SAS (10K & 15K rpm); 3.5 inch SATA (7.2K rpm); Mixed SAS/SATA supported in matched pairs
Hard Drive Bays	3 hard drive cage choices: 8 x 2.5"; 4 x 3.5"; 6 x 3.5"
Peripheral Bays	Floppy drive option; Optical drive bay with choice of CD-ROM, DVD-ROM or Combo CD-RW/DVD-ROM
Internal Tape Bay	DAT72 Tape Drive (not available with 6 x 3.5" hard drive base)
Max. Internal Storage	Up to 6TB
RAID Controller	Optional PERC5/i with battery-backed 256MB of cache for internal drives and PERC5/e and PERC4e/DC (Express) for internal and/or external storage
Network Interfaces	Dual embedded Broadcom® NetXtreme II™ 5708 Gigabit Ethernet NIC with fail over, load balancing and TOE (TCP/IP Offload Engine). TOE supported on Microsoft® Windows® Server™ 2003, SP1 or higher with Scalable Networking Pack.
Power Supply	Single or redundant 750W hot-plug auto-switching 110/220V AC or redundant hot plug -48-60V 20A DC power supplies
Availability	Hot-plug hard drives, redundant power, redundant cooling; ECC, Spare Row, SDDC memory; PERC6/i integrated daughtercard with battery-backed 256MB DDR2 cache; DRAC 5/i
Video	Embedded ATI RN50 with 16MB memory
Remote Management	Baseboard Management Controller with IMPI 2.0 support; optional advanced DRAC5 management controller; System Identification front/rear buttons & LED
Systems Management	Unisys OpenManage Server Administrator (OMSA) and Unisys Server Assistant (DSA) CDs included Unisys OpenManage Application Software included
Rear Ports	VGA; 9-pin serial port; 2 x USB 2.0 ports; 2 x RJ-45 ethernet ports; RJ-45 for optional DRAC5/i
Front Ports	VGA; 2 x USB 2.0 ports
Physical Specifications	3.4" (8.64cm) H x 17.5" (44.43cm) W x 29.3" (74.4cm) D Maximum weight: 50.7 lbs. Support for Unisys Rapid Rails, 2-post flush mount, 2-post center mount, and third-party VersaRails racking solutions
Operating Systems	Microsoft® Windows® Server Red Hat® Linux® Enterprise Novell® SUSE Linux VMware® Virtual Infrastructure

For more information, please contact your Unisys representative.

Or call Unisys today at:

1-800-874-8647 ext 738 (U.S. and Canada)

00-1-585-742-6780 ext 738 (Other countries)

In a hurry to learn more? Visit our website at: <http://www.unisys.com/tech/ES3000>

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