



Unisys ES3000 Model 3520R G3 Enterprise Server

Product Information Sheet



Product Overview

The Unisys ES3000 Model 3520R Enterprise Server is a 1-socket, 1U rack-mount server designed to deliver power, scalability and value in a dense chassis. This server offers a variety of Intel® processor choices, including Intel® Xeon® E5-2400 processors, as well as a variety of advanced network options. With its balanced memory footprint and I/O bandwidth, as well as scalable processor performance, the Model 3520R is a strong choice as a virtualization server. Its compact form factor also makes it a perfect fit for space-constrained hosting environments as well as departmental or remote sites.

Product Highlights

- Eight-core Intel® Xeon® E5 processors deliver superior performance
- Up to 8 internal hard drives
- Up to 96GB of memory
- Multiple network options including 10 GbE NIC, 10GbE FCoE and Fiber Channel 8Gb HBA
- Enterprise redundancy, hot-plug hard drives and hot-plug power supplies

Typical Deployment Scenarios

- **Memory Sensitive Applications and Databases:** With the latest Intel Xeon processor technology, six DIMMs and two PCIe slots, the Model 3520 has the processor, memory and I/O bandwidth required to support memory-sensitive applications and databases
- **Web, file and print serving:** the compact nature of the Model 3520, its attractive price point and reliability features make this a strong choice for web, file and print serving

Technical Specifications for the ES3000 Model 3520R G3 Enterprise Server

Form Factor	1U rack
Processors	Single Intel® Xeon® Processor E5-2400, Intel Xeon processor E5-1410 or Intel Pentium® processor 1400 series
Cache	Up to 20MB (2.5MB per processor core)
Interconnect	Intel DMI 2.0
Memory	Up to 96GB (6 DIMM slots) supporting 2GB/4GB/8GB/16GB DDR3 DIMMs @ up to 1600MHz
I/O Slots	2 PCIe slots: <ul style="list-style-type: none"> • 1 – x16 full-height, half-length, PCIe 3.0 • 1 – x4 (x8 connector) half-height, half-length, PCIe 2.0
Drive Controller Options	Internal: <ul style="list-style-type: none"> • PERC S110 (SW RAID) • PERC H310 • PERC H710 External: <ul style="list-style-type: none"> • PERC 810 • 6Gbps SAS HBA (non-RAID)
Hard Drive Bays	4 – 3.5" hot swap drive bays or 8 – 2.5" hot swap drive bays
Maximum Internal Storage	Up to 12TB
Hot-plug Hard Drive Options	2.5" SSD: SAS, SATA 2.5": 15K SAS, 10K SAS, 7.2K nearline SAS, 7.2K SATA 3.5": 15K SAS, 7.2K nearline SAS, 7.2K SATA Self Encrypting Disk (SED) drive options are also available
Optical Drive	SATA DVD-ROM drive or SATA DVD +/- RW drive
Network Interfaces	Broadcom® 5720 Dual Port 1GbE Base-T Embedded NIC
Power Supply	Auto-ranging PSU Options: <ul style="list-style-type: none"> • Bronze Efficiency 350W non redundant, non hot plug • Platinum Efficiency 350W redundant, hot plug • Platinum Efficiency 550W redundant, hot plug

Availability Features and Options	ECC memory; hot-plug hard drives; high efficiency, hot-plug redundant power supplies; hot-plug redundant cooling; interactive LCD control panel; tool-less chassis
Remote Management	iDRAC7 Express iDRAC7 Enterprise (optional) System Identification front/rear buttons and LED
Systems Management	IPMI 2.0 Complaint OpenManage
Front Ports	1 – VGA port 2 – USB 2.0 ports
Rear Ports	1 – VGA port 2 – USB 2.0 ports 2 – RJ-45 Ethernet LOM ports 1 – RJ-45 iDRAC7 port (optional) 1 – vFlash media slot (optional) 1 – Serial connector
Operating Systems	Supported Operating Systems include: <ul style="list-style-type: none"> • Windows Server® 2012 x64 with Standard Edition only (includes Hyper-V) • Microsoft® Windows Server 2008® R2 SP1, x64 (includes Hyper-V™ v2) • SUSE® Linux Enterprise Server • Red Hat® Enterprise Linux® • VMware® vSphere® • Citrix® XenServer®
Physical Specifications	Chassis dimensions: <ul style="list-style-type: none"> • 75.61cm (29.75") D x 48.2cm (18.98") W x 4.28cm (1.68") H • Maximum weight: 19.3kg (42.55lb) • Support for Rapid Rails, 2-post flush mount, 2-post center mount, and third party VersaRails racking solutions

For more information, contact your Unisys representative or visit www.unisys.com

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