



# Unisys ES3000 Model 3560R G3 Enterprise Server

## Product Information Sheet



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### Product Overview

The highly versatile Unisys ES3000 Model 3560R Enterprise Server excels at running a wide range of applications and virtualization environments for both mid-size and large enterprises. 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 to handle demanding database, email, network infrastructure and application virtualization workloads, the Model 3560R server provides the flexibility and performance modern data centers require.

### Product Highlights

- Eight-core Intel® Xeon® E5 processors deliver superior performance
- Up to 16 internal hard drives and integrated PCIe Gen3-capable expansion slots enable you to keep pace with the explosion of data in the virtual age

- The system's large memory footprint (up to 768GB) maximizes your data center's application capacity
- Up to four optional hot-plug, front-access PCIe SSDs enable performance-enhancing, in-box storage tiering

### Typical Deployment Scenarios

- **Virtualization:** With eight-core processors, up to 768GB of memory and the ability to support dual RAID controllers, the Model 3560R is an ideal platform to consolidate multiple small application environments and to support Virtual Desktop Infrastructure (VDI)
- **Mail and Messaging:** With 7 PCI slots, a wide choice of Ethernet controllers and embedded RAID capability, the Model 3560R server has the configuration flexibility and I/O capacity to tackle typical mail and messaging workloads
- **Database Workloads:** With the Model 3560R server, you can take advantage of up to 24TB of internal storage plus the latest Intel Xeon E5 series processor performance to power midsized database workloads and data warehouses

## Technical Specifications for the ES3000 Model 3560R G3 Enterprise Server

<b>Form Factor</b>	2U rack		
<b>Processors</b>	One or two eight core, six core or quad-core Intel® Xeon® Processor E5-2600 series with Hyper Threading and Turbo support		Intel® Dual Port 10GbE BASE-T (FCoE enabled) with 2 x 1GbE ports
<b>Cache</b>	Up to 40MB (2.5MB per processor core)		
<b>Interconnect</b>	Two Intel QuickPath Interconnect (QPI) links at up to 8.0 GT/s		
<b>Memory</b>	Up to 768GB (12 DIMM slots per processor socket) supporting 2GB/4GB/8GB/16GB/32GB DDR3 DIMMs @ up to 1600MHz		
<b>I/O Slots</b>	Up to 7 PCIe Gen3 slots: <ul style="list-style-type: none"> <li>• 1 – x16 full-height, full-length</li> <li>• 1 – x8 full-height, full-length</li> <li>• 3 – x8 half-height, half-length</li> <li>• 2 – x8 full-height, full-length or 1 – x16 full-height, full-length</li> </ul>		
<b>Drive Controller Options</b>	Internal: <ul style="list-style-type: none"> <li>• PERC S110 (Software RAID)</li> <li>• PERC H310</li> <li>• PERC H710</li> <li>• PERC H710P</li> </ul> External: <ul style="list-style-type: none"> <li>• PERC 810</li> <li>• 6Gbps SAS HBA (non-RAID)</li> </ul>		
<b>Hard Drive Bays</b>	8 – 3.5" hot swap drive bays or 16 – 2.5" hot swap drive bays		
<b>Maximum Internal Storage</b>	Up to 24TB		
<b>Hot-plug Hard Drive Options</b>	2.5" SSD: PCIe, 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		
<b>Optical Drive</b>	SATA DVD-ROM drive or SATA DVD +/- RW drive		
<b>Network Interfaces</b>	Broadcom® Quad Port 1GbE BASE-T (no TOE or iSCSI offload) Intel® Quad Port 1GbE BASE-T (no TOE or iSCSI offload) Broadcom® Dual Port 10GbE SFP+ (TOE and iSCSI offload capable) with 2 x 1GbE ports		
		<b>Power Supply</b>	Dual hot-plug auto-ranging PSU Options: <ul style="list-style-type: none"> <li>• Platinum Efficiency 495W</li> <li>• Platinum Efficiency 750W</li> <li>• Platinum+ Efficiency 1100W</li> <li>• Gold Efficiency 1100W DC</li> </ul>
		<b>Availability Features and Options</b>	ECC memory; hot-plug hard drives; high efficiency, hot-plug redundant power supplies; hot-plug redundant cooling; interactive LCD screen; tool-less chassis
		<b>Remote Management</b>	iDRAC7 Express iDRAC7 Enterprise (optional) System Identification front/rear buttons and LED
		<b>Systems Management</b>	IPMI 2.0 Complaint OpenManage
		<b>Front Ports</b>	1 – VGA port 2 – USB 2.0 ports 1 – vFlash media slot
		<b>Rear Ports</b>	1 – VGA port 2 – USB 2.0 ports 4 – RJ-45 Ethernet LOM ports 1 – RJ-45 iDRAC7 port 1 – Serial connector
		<b>Operating Systems</b>	Supported Operating systems include: <ul style="list-style-type: none"> <li>• Windows Server® 2012 x64 with Hyper-V, Datacenter and Standard Editions</li> <li>• Microsoft® Windows Server 2008® R2 SP1, x64 (includes Hyper-V™ v2)</li> <li>• SUSE® Linux Enterprise Server</li> <li>• Red Hat® Enterprise Linux®</li> <li>• VMware® vSphere®</li> <li>• Citrix® XenServer®</li> </ul>
		<b>Physical Specifications</b>	Chassis dimensions: 75.58cm (29.75") D x 48.2cm (18.98") W x 8.73cm (3.44") H Maximum weight: 27.6kg (60.84lb) 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](http://www.unisys.com)

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