



Unisys ES3000 Model 3560R G3 HCS Enterprise Server

Product Information Sheet



Product Overview

The Unisys ES3000 Model 3560R HCS Enterprise Server offers a winning combination of astonishing storage capacity, highly expandable memory, and robust I/O capabilities. This server is an optimal choice for data intensive operations. It excels at running applications that demand lots of storage and I/O such as medical imaging and e-mail or other collaboration software. It's ideal for any implementation that needs added in-box performance on lots of data. Plus the Model 3560R HCS has the reliability, availability and serviceability (RAS) features required to run these types of applications where up-time is critical – it's a standout in terms of both performance and reliability.

Product Highlights

- Eight-core Intel® Xeon® E5 processors deliver superior performance
- Up to twenty-four 2.5" hard disk drives or twelve 3.5" disks (plus two 2.5" disks in the back of the server) enable you to quickly access and process vast amounts of data
- The system's large memory footprint (up to 768GB) maximizes your data center's application capacity
- Superior RAS is delivered through hot-plug fans, disks and power-supply units (PSUs)

Typical Deployment Scenarios

- **Email and Collaboration:** the high-density memory footprint, up to 10Gb speeds and massively expandable storage capabilities of the Model 3560R HCS make this a great choice for communication/collaboration deployments
- **Microsoft® SQL Server® Databases:** With eight-core Intel Xeon E5 processors, high performing internal storage and huge RAM, the Model 3560R HCS is an excellent choice to host a single SQL Server database, consolidate SQL Server databases or virtualize SQL instances
- **Storage Host:** Exploit the extensive local storage capabilities of the Model 3560R HCS – up to twenty-six 2.5" disks – by using it as a storage host

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

Form Factor	2U rack	Power Supply	Dual hot-plug auto-ranging PSU Options: <ul style="list-style-type: none"> • Platinum Efficiency 495W • Platinum Efficiency 750W • Platinum+ Efficiency 1100W • Gold Efficiency 1100W DC
Processors	One or two eight core, six core or quad-core Intel® Xeon® Processor E5-2600 series with Hyper Threading and Turbo support	Availability Features and Options	ECC memory; hot-plug hard drives; high efficiency, hot-plug redundant power supplies; hot-plug redundant cooling; LED control panel; tool-less chassis
Cache	Up to 40MB (2.5MB per processor core)	Remote Management	iDRAC7 Express iDRAC7 Enterprise (optional) System Identification front/rear buttons and LED
Interconnect	Two Intel QuickPath Interconnect (QPI) links at up to 8.0 GT/s	Systems Management	IPMI 2.0 Complaint OpenManage
Memory	Up to 768GB (12 DIMM slots per processor socket) supporting 2GB/4GB/8GB/16GB/32GB DDR3 DIMMs @ up to 1600MHz	Front Ports	1 – VGA port 1 – USB 2.0 ports
I/O Slots	Up to 6 PCIe Gen3 slots: <ul style="list-style-type: none"> • 2 – x16 full-height, full-length • 1 – x8 full-height, full-length • 3 – x8 half-height, half-length 	Rear Ports	1 – VGA port 2 – USB 2.0 ports 4 – RJ-45 Ethernet LOM ports 1 – RJ-45 iDRAC7 port 1 – vFlash media slot 1 – Serial connector
Drive Controller	Internal: <ul style="list-style-type: none"> • PERC H310 • PERC H71 • PERC H710P External: <ul style="list-style-type: none"> • PERC 810 • 6Gbps SAS HBA (non-RAID) 	Operating Systems	Supported Operating systems include: <ul style="list-style-type: none"> • Windows Server® 2012 x64 with Hyper-V, Datacenter and Standard Editions • Microsoft® Windows Server 2008® R2 SP1, x64 (includes Hyper-V™ v2) • SUSE® Linux Enterprise Server • Red Hat® Enterprise Linux® • VMware® vSphere® • Citrix® XenServer®
Hard Drive Bays	2 – 2.5” hot swap drive bays in rear plus 24 – 2.5” hot swap drive bays or 12 – 3.5” hot swap drive bays	Physical Specifications	Chassis dimensions: 75.58cm (29.75”) D x 48.2cm (18.98”) W x 8.73cm (3.44”) H Maximum weight: 32.5kg (71.5lb) Support for Rapid Rails, 2-post flush mount, 2-post center mount, and third party VersaRails racking solutions
Maximum Internal Storage	Up to 38TB		
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	External only		
Network Interfaces	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 Intel® Dual Port 10GbE BASE-T (FCoE enabled) with 2 x 1GbE ports		

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

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