



# Unisys ES3000 Model 3530R G3 Enterprise Server

## Product Information Sheet



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### Product Overview

Perfect for space-constrained datacenters, the Unisys ES3000 Model 3530R Enterprise Server delivers exceptional performance in a sleek 1U form factor. This general purpose platform is designed to support a wide range of applications. It features a large memory footprint, along with balanced, scalable I/O capabilities including integrated PCIe Gen3-capable expansion slots. And despite its sleek form factor, this server is packed with reliability, availability and serviceability (RAS) features like hot-swappable fans, disks, power-supply units and even redundant failsafe hypervisors to keep your datacenter running with rock-steady reliability.

### Product Highlights

- Eight-core Intel® Xeon® E5 processors deliver incredible performance density
- Flexible I/O and storage options allow you to customize the Model 3530R to your standards
- No compromise density – with availability features including hot-plug redundant power & cooling, integrated RAID and advanced memory availability options
- Balanced performance, memory and I/O

### Typical Deployment Scenarios

- **Virtualization:** Up to 768GB of memory plus eight-core processors and Dual SD cards for redundant hypervisors make the Model 3530R a strong server for virtualization
- **Network infrastructure:** The Model 3530R provides the ideal cost and form factor for domain control, file/print serving, firewall, security or caching server deployments
- **Web server:** With explosive growth in demand for web performance and more business critical applications now web enabled, the highly manageable and available Model 3530R fits the bill

# Technical Specifications for the ES3000 Model 3530R G3 Enterprise Server

<b>Form Factor</b>	1U 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 3 PCIe Gen3 slots: <ul style="list-style-type: none"> <li>• 2 – x16 half-height, half-length</li> <li>• 1 – x8 half-height, half-length (x16 connector) or</li> </ul> Up to 2 PCIe Gen3 slots: (not available with 10 drive bay configuration) <ul style="list-style-type: none"> <li>• 1 – x16 full-height, 3/4 length</li> <li>• 1 – x16 half-height, half-length (x8 if only 1 socket)</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>	4, 8 or 10 – 2.5” hot swap drive bays		
<b>Maximum Internal Storage</b>	Up to 10 TB		
<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 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: 75.61cm (29.75”) D x 48.2cm (18.98”) W x 4.28cm (1.68”) H Maximum weight: 19.76kg (43.56lb) Support for Rapid Rails, 2-post flush mount, 2-post center mount, and third party VersaRails racking solutions

For more information visit [www.unisys.com](http://www.unisys.com)

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