



Lenovo ThinkSystem SR250 V2 server 0 GB Rack (1U) Intel Xeon E E-2356G 3.2 GHz 32 GB DDR4-SDRAM 450 W

Brand : Lenovo

Product family: ThinkSystem

Product code: 7D7QA02QEA

Product name : SR250 V2



- No OS
 - Intel Xeon E-2356G (12MB Cache, 3.2GHz)
 - 32GB DDR4-SDRAM (1 x 32)
 - XCC Enterprise
- Intel Xeon E-2356G (12MB Cache, 3.2GHz), 32GB DDR4-SDRAM, Intel UHD Graphics P750, LAN (Broadcom 5719), 5350-8I, XCC Enterprise, 450W, No OS

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The Lenovo ThinkSystem SR250 V2 is a high-value single-socket 1U rack server for growing businesses that need optimized performance and flexibility for future growth, along with enterprise-class reliability, management, and security. The server supports the new Intel Xeon E-2300 Series processors, formerly codenamed "Rocket Lake".

This product guide provides essential presales information to understand the ThinkSystem SR250 V2 server, its key features and specifications, components and options, and configuration guidelines. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the SR250 V2 and consider its use in IT solutions

Processor		Design	
Processor manufacturer *	Intel	Rack mounting	✓
Processor family *	Intel Xeon E	Rack rails	✓
Processor model *	E-2356G	Performance	
Processor frequency *	3.2 GHz	Remote administration	XCC Enterprise
Processor boost frequency	5 GHz	Trusted Platform Module (TPM)	✓
Processor cores	6	Trusted Platform Module (TPM) version	2.0
Processor cache	12 MB	Software	
Motherboard chipset	Intel C256	Operating system installed *	✗
Number of processors installed	1	Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware ESXi
Execute Disable Bit	✓	Processor special features	
Idle States	✓	CPU configuration (max)	1
Embedded options available	✗	Enhanced Intel SpeedStep Technology	✓
Memory		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Internal memory *	32 GB	Intel Trusted Execution Technology	✓
Internal memory type *	DDR4-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory slots	4x DIMM	Intel TSX-NI	✓
ECC	✗	Intel Clear Video Technology	✓
Memory layout (slots x size)	1 x 32 GB	Intel Software Guard Extensions (Intel SGX)	✓
Maximum internal memory *	128 GB	Intel 64	✓
Storage		Intel Virtualization Technology (VT-x)	✓
Total storage capacity *	0 GB	Power	
RAID support *	✓	Power supply *	450 W
Supported RAID controllers	5350-8I	Operational conditions	
Hot-swap	✓	Operating temperature (T-T)	5 - 45 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 60 °C
Internal drive bays	8		
Graphics			
On-board graphics card	✓		
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model	Intel UHD Graphics P750		

Network		Operational conditions	
Ethernet LAN	✓	Operating relative humidity (H-H)	8 - 90%
Ports & interfaces		Storage relative humidity (H-H)	8 - 90%
USB 2.0 ports quantity	1	Operating altitude	0 - 3050 m
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Weight & dimensions	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Width	435 mm
VGA (D-Sub) ports quantity	1	Depth	545 mm
Serial ports quantity	1	Height	43 mm
Design		Weight	12.3 kg
Chassis type *	Rack (1U)		
Product colour	Black, Metallic		

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