Lenovo ThinkSystem SR250 V2 server 0 GB Rack (1U) Intel Xeon E E-2378 2.6 GHz 32 GB DDR4-SDRAM 450 W

Brand : Lenovo **Product family:** ThinkSystem **Product code:** 7D7QA031EA

Product name : SR250 V2

- No OS
- Intel Xeon E-2378 (16MB Cache, 2.6GHz)
- 32GB DDR4-SDRAM (1 x 32)
- XCC Enterprise

Intel Xeon E-2378 (16MB Cache, 2.6GHz), 32GB DDR4-SDRAM, Intel UHD Graphics P630, LAN, 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	
Processor manufacturer *	Intel
Processor family *	Intel Xeon E
Processor model *	E-2378
Processor frequency *	2.6 GHz
Processor boost frequency	4.8 GHz
Processor cores	8
Processor cache	16 MB
Motherboard chipset	Intel C256
Number of processors installed	1
Execute Disable Bit	✔
Idle States	✔
Embedded options available	✘

Memory	
Internal memory *	32 GB
Internal memory type *	DDR4-SDRAM
Memory slots	4x DIMM
ECC	✘
Memory layout (slots x size)	1 x 32 GB
Maximum internal memory *	128 GB

Storage	
Total storage capacity *	0 GB
RAID support *	✔
Supported RAID controllers	5350-8I
Hot-swap	✔
Optical drive type *	✘
Internal drive bays	8

Graphics	
On-board graphics card	✔
On-board graphics card model	Intel UHD Graphics P630

Design	
Rack rails	✔

Performance	
Remote administration	XCC Enterprise
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Software	
Operating system installed *	✘
Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware ESXi

Processor special features	
CPU configuration (max)	1
Enhanced Intel SpeedStep Technology	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel TSX-NI	✔
Intel Clear Video Technology	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel 64	✔
Intel Virtualization Technology (VT-x)	✔

Power	
Power supply *	450 W

Operational conditions	
Operating temperature (T-T)	5 - 45 °C
Storage temperature (T-T)	-40 - 60 °C

Network	
Ethernet LAN	✔

Ports & interfaces	
USB 2.0 ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
VGA (D-Sub) ports quantity	1
Serial ports quantity	1

Design	
Chassis type *	Rack (1U)
Product colour	Black, Metallic
Rack mounting	✔

Operational conditions	
Operating relative humidity (H-H)	8 - 90%
Storage relative humidity (H-H)	8 - 90%
Operating altitude	0 - 3050 m

Weight & dimensions	
Width	435 mm
Depth	545 mm
Height	43 mm
Weight	12.3 kg

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