



Lenovo ThinkSystem SR645 server Rack (1U) AMD EPYC 7203 2.8 GHz 32 GB DDR4-SDRAM 1100 W



Brand : Lenovo

Product family: ThinkSystem

Product code: 7D2XA05TEA

Product name : SR645

- No OS
 - AMD EPYC 7203 (64MB Cache, 2.8GHz)
 - 32GB DDR4-SDRAM (1 x 32)
- AMD EPYC 7203 (64MB Cache, 2.8GHz), 32GB DDR4-SDRAM, Matrox G200, 930-8i, 1100W, No OS

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The Lenovo ThinkSystem SR645 is a 2-socket 1U server that features the AMD EPYC 7002 "Rome" and AMD EPYC 7003 "Milan" families of processors. With up to 64 cores per processor and support for the new PCIe 4.0 standard for I/O, the SR645 offers the ultimate in two-socket server performance in a space-saving 1U form factor.

This product guide provides essential pre-sales information to understand the ThinkSystem SR645 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 SR645 and consider its use in IT solutions.

Processor		Design	
Processor manufacturer *	AMD	Redundant fans support	✓
Processor family *	AMD EPYC	Performance	
Processor model *	7203	Performance management	XClarity Enterprise
Processor frequency *	2.8 GHz	Noise level	49 dB
Processor cores	8	Trusted Platform Module (TPM)	✓
Processor cache	64 MB	Trusted Platform Module (TPM) version	2.0
Memory		Software	
Internal memory *	32 GB	Operating system installed *	✗
Internal memory type *	DDR4-SDRAM	Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware ESXi
ECC	✓	Power	
Memory layout (slots x size)	1 x 32 GB	Redundant power supply (RPS) support *	✓
Storage		Power supply *	1100 W
RAID support *	✓	Operational conditions	
RAID levels	0, 1, 5, 6, 10, 50, 60	Operating temperature (T-T)	5 - 45 °C
Supported RAID controllers	930-8i	Storage temperature (T-T)	-40 - 60 °C
Optical drive type *	✗	Operating relative humidity (H-H)	8 - 90%
Internal drive bays	8	Storage relative humidity (H-H)	8 - 90%
Graphics		Operating altitude	0 - 3050 m
On-board graphics card	✓	Weight & dimensions	
On-board graphics card model	Matrox G200	Width	440 mm
Maximum graphics card memory	16 MB	Depth	773 mm
Ports & interfaces		Height	43 mm
USB 2.0 ports quantity	1	Weight	20.2 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Design	
VGA (D-Sub) ports quantity	2	Chassis type *	Rack (1U)
		Product colour	Black, Metallic

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