Lenovo ThinkSystem SR630 V2 server Rack (1U) Intel Xeon Silver 4310 2.1 GHz 32 GB DDR4-SDRAM 1100 W

Brand : Lenovo **Product family:** ThinkSystem **Product code:** 7Z71A089EA

Product name : SR630 V2

1U, Intel Xeon Silver 4310, 32 GB DDR4 3200 MHz, 930-8i, 8x 2.5" SAS, 2x LP Gen4, LAN, USB 3.1, 1x 1100W Titanium
Lenovo ThinkSystem SR630 V2. Processor family: Intel Xeon Silver, Processor frequency: 2.1 GHz, Processor model: 4310. Internal memory: 32 GB, Internal memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 32 GB. Ethernet LAN. Power supply: 1100 W, Redundant power supply (RPS) support. Chassis type: Rack (1U)

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Xeon Silver
Processor generation	3rd Generation Intel® Xeon® Scalable
Processor model *	4310
Processor frequency *	2.1 GHz
Processor boost frequency	3.3 GHz
Processor cores	12
Processor cache	18 MB
Motherboard chipset	Intel C621A
Number of processors installed	1
Memory	
Internal memory *	32 GB
Internal memory type *	DDR4-SDRAM
Memory ranking	2
Memory slots	32x DIMM
ECC	✓
Memory clock speed	3200 MHz
Memory layout (slots x size)	1 x 32 GB
Storage	
Number of HDDs supported	8
Supported HDD sizes	2.5"
RAID support *	✓
Supported RAID controllers	930-8i
Hot-swap	✓
Optical drive type *	✗
Internal drive bays	8
Graphics	
On-board graphics card	✓
On-board graphics card model	Matrox G200
Maximum graphics card memory	16 MB
Network	
Wake-on-LAN ready	✓
Ethernet LAN	✓
Ports & interfaces	
USB 2.0 ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
VGA (D-Sub) ports quantity	1

Expansion slots	
PCI Express x16 (Gen 4.x) slots	2
Design	
Chassis type *	Rack (1U)
Product colour	Black
Rack mounting	✓
Redundant fans support	✓
Performance	
Performance management	XClarity Enterprise
BIOS type	UEFI
Trusted Platform Module (TPM)	✓
Trusted Platform Module (TPM) version	2.0
Software	
Operating system installed *	✗
Compatible operating systems *	Microsoft Windows Server 2016 Microsoft Windows Server 2019 Microsoft Windows Server 2022 Red Hat Enterprise Linux 7.9 Red Hat Enterprise Linux 8.2 Red Hat Enterprise Linux 8.3 SUSE Linux Enterprise Server 12 SP5 SUSE Linux Enterprise Server 12 Xen SP5 SUSE Linux Enterprise Server 15 SP2 SUSE Linux Enterprise Server 15 Xen SP2 VMware ESXi 6.7 U3 VMware ESXi 7.0 U2
Power	
Redundant power supply (RPS) support *	✓
Power supply *	1100 W
Number of redundant power supplies supported	2
Number of redundant power supplies installed	1
Operational conditions	
Storage temperature (T-T)	-40 - 60 °C
Storage relative humidity (H-H)	8 - 90%
Weight & dimensions	
Width	440 mm
Depth	773 mm
Height	43 mm

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