



Lenovo ThinkSystem SR630 server Rack (1U) Intel® Xeon® 4108 1.8 GHz 16 GB DDR4-SDRAM 750 W

Brand : Lenovo

Product family: ThinkSystem

Product code: 7X02A04KEA

Product name : SR630



- Versatile and scalable to grow with your business needs
- Optimized system design to meet performance and price points for almost any workload
- Shared components across the ThinkSystem portfolio for reduced parts inventory, quicker servicing, and higher availability



- Leadership systems management that leverages industry standards, such as RedFish
- Highly energy-efficient, with ASHRAE A2 compliance, and A4 compliance (with limitations) for up to 45°C continuous operation

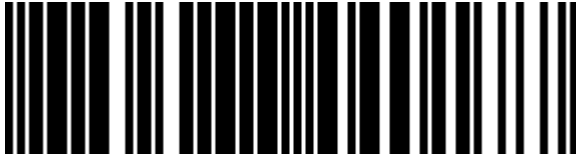
Intel Xeon Silver 4108 (11M Cache, 1.80 GHz), 16GB DDR4 2666MHz, RAID 930-8i, 8 x HS SAS/SATA, 750W Platinum

Lenovo ThinkSystem SR630. Processor family: Intel® Xeon®, Processor frequency: 1.8 GHz, Processor model: 4108. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 16 GB. HDD size: 2.5", HDD interface: Serial ATA, Serial Attached SCSI (SAS). Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Power supply: 750 W, Redundant power supply (RPS) support. Chassis type: Rack (1U)



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3
Processor family *	Intel® Xeon®	VGA (D-Sub) ports quantity	2
Processor generation	1st Generation Intel® Xeon® Scalable	Expansion slots	
Processor model *	4108	PCI Express x8 (Gen 3.x) slots	2
Processor frequency *	1.8 GHz	PCI Express x16 (Gen 3.x) slots	1
Processor boost frequency	3 GHz	PCI Express slots version	3.0
Processor cores	8	Design	
Processor cache	11 MB	Chassis type *	Rack (1U)
Memory channels supported by processor	Hepta	Rack mounting	✓
Number of processors installed	1	Redundant fans support	✓
Thermal Design Power (TDP)	85 W	Rack rails	✓
Processor cache type	L3	Performance	
Compatible processor series	Intel® Xeon®	Performance management	XClarity Enterprise
Processor socket	LGA 3647 (Socket P)	Trusted Platform Module (TPM)	✓
Processor lithography	14 nm	Trusted Platform Module (TPM) version	1.2
Processor threads	16	Software	
Processor operating modes	64-bit	Compatible operating systems *	Microsoft Windows Server 2016/2012 R2 Red Hat Enterprise Linux 7.3/6.9 SUSE Linux Enterprise Server 12 SP2/11 SP4 VMware vSphere (ESXi) 6.5/6.0 U3
Stepping	U0	Processor special features	
Number of QPI links	2	Enhanced Intel SpeedStep Technology	✓
Processor codename	Skylake	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Tcase	77 °C	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Maximum internal memory supported by processor	768 GB	Intel® Turbo Boost Technology	2.0
Memory types supported by processor	DDR4-SDRAM	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory clock speeds supported by processor	2400 MHz	Intel Trusted Execution Technology	✓
ECC supported by processor	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Execute Disable Bit	✓	Intel TSX-NI	✓
Maximum number of PCI Express lanes	48		
Processor package size	76.0 x 56.5 mm		
Supported instruction sets	AVX, AVX 2.0, AVX-512, SSE4.2		
Processor code	SR3GJ		
Scalability	2S		
Embedded options available	✗		

Processor		Processor special features	
Conflict-Free processor	✓	Intel 64	✓
Memory		Intel Virtualization Technology (VT-x)	✓
Internal memory *	16 GB	Intel TSX-NI version	1.00
Internal memory type *	DDR4-SDRAM	Processor ARK ID	123544
Memory slots	24	Power	
ECC	✓	Redundant power supply (RPS) support *	✓
Memory clock speed	2666 MHz	Power supply *	750 W
Memory layout (slots x size)	1 x 16 GB	Number of redundant power supplies supported	2
Maximum internal memory *	1.54 TB	Power supply input frequency	50 - 60 Hz
Storage		Operational conditions	
Maximum storage capacity *	61.44 TB	Operating temperature (T-T)	5 - 45 °C
HDD interface	Serial ATA, Serial Attached SCSI (SAS)	Storage temperature (T-T)	-10 - 60 °C
HDD size	2.5"	Operating relative humidity (H-H)	8 - 90%
Number of HDDs supported	8	Storage relative humidity (H-H)	8 - 90%
Supported HDD sizes	2.5"	Operating altitude	0 - 3048 m
Number of SSDs supported	8	Weight & dimensions	
RAID support *	✓	Width	482 mm
RAID levels	0, 1, 5, 6, 10, 50, 60	Depth	778.3 mm
Supported RAID controllers	930-8i	Height	43 mm
Hot-Plug support	✓	Technical details	
Hot-swap	✓	Sustainability certificates	ENERGY STAR
Optical drive type *	✗	Other features	
Graphics		Conflict-Free	✓
On-board graphics card	✓		
On-board graphics card model	Matrox G200		
Network			
Ethernet LAN	✓		
Cabling technology	10/100/1000Base-T(X)		
Ports & interfaces			
USB 2.0 ports quantity	1		



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