



Lenovo ThinkSystem SR250 server Rack (1U) Intel Xeon E E-2276G 3,8 GHz 16 GB DDR4-SDRAM 450 W

Merk : Lenovo

Productfamilie: ThinkSystem

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Productnaam : SR250

Lenovo ThinkSystem SR250. Processorfamilie: Intel Xeon E, Frequentie van processor: 3,8 GHz, Processormodel: E-2276G. Intern geheugen: 16 GB, Intern geheugentype: DDR4-SDRAM, Geheugenlayout: 1 x 16 GB. HDD omvang: 2.5", HDD interface: SATA III, Serial Attached SCSI (SAS). Ethernet LAN, Bekabelingstechnologie: 10/100/1000Base-T(X). Netvoeding: 450 W, Redundante voeding. Type behuizing: Rack (1U)



Processor		Netwerk	
Processorfabrikant *	Intel	Ethernet LAN	✓
Processorfamilie *	Intel Xeon E	Bekabelingstechnologie	10/100/1000Base-T(X)
Processormodel *	E-2276G	Ethernet interface type	Gigabit Ethernet
Frequentie van processor *	3,8 GHz	Poorten & interfaces	
Maximale turbofrequentie van processor	4,9 GHz	Aantal Ethernet LAN (RJ-45)-poorten *	3
Aantal processorkernen	6	Aantal USB 2.0-poorten	1
Processor cache	12 MB	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A	1
Chipset moederbord	Intel C246	Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type A	2
Aantal geïnstalleerde processoren	1	VGA (D-Sub)poort(en)	1
Thermal Design Power (TDP)	80 W	Seriële poort(en)	1
Max. aantal SMP-processoren	1	Uitbreidingsmodules	
Processor socket	LGA 1151 (Socket H4)	PCI Express x4 (Gen 3.x) slots	1
Processor lithografie	14 nm	PCI Express x8 (Gen 3.x) slots	2
Processor aantal threads	12	PCI Express slots versie	3.0
Processor operating modes	64-bit	Design	
Codenaam processor	Coffee Lake	Type behuizing *	Rack (1U)
Tcase	73 °C	Kleur van het product	Zwart
Tjunction	100 °C	Rack-montage	✓
Maximaal intern geheugen ondersteund door processor	128 GB	Rekrails	✓
Geheugentypen ondersteund door processor	DDR4-SDRAM	Prestatie	
Klokgeheugen-snelheden ondersteund door processor	2666 MHz	Prestatiebeheer	XClarity Standard
Execute Disable Bit	✓	Trusted Platform Module (TPM)	✓
Idle States	✓	Trusted Platform Module (TPM) version	2.0
Thermal Monitoring Technologies	✓	Software	
Maximaal aantal PCI Express-lijnen	16	Inclusief besturingssysteem *	✗
PCI Express configuraties	1x16, 2x8, 1x8+2x4	Compatibele besturingssystemen *	
Verpakkingsgrootte processor	37.5 x 37.5 mm	Microsoft Windows Server 2016/2019, Red Hat Enterprise Linux 7/8, SUSE Linux Enterprise Server 12/15, VMware vSphere (ESXi) 6.5/6.7/7.0	
Ondersteunde instructie sets	SSE4.1, SSE4.2, AVX 2.0	Processor speciale functies	
Schaalbaarheid	1S	CPU configuratie (max)	1
Ingebouwde opties beschikbaar	✗		
Geheugen			
Intern geheugen *	16 GB		
Intern geheugentype *	DDR4-SDRAM		
Geheugenslots	4x DIMM		

Geheugen		Processor speciale functies	
ECC	✓	Enhanced Intel SpeedStep Technology	✓
Kloksnelheid geheugen	2666 MHz	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Geheugenlayout	1 x 16 GB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Maximum intern geheugen *	128 GB	Intel® Turbo Boost Technology	2.0
Opslagmedia		Intel® Quick Sync Video Technology	✓
HDD interface	SATA III, Serial Attached SCSI (SAS)	Intel® InTru™ 3D Technology	✓
HDD omvang	2.5"	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Ondersteunde HDD-groottes	2.5"	Intel® AES New Instructions (Intel® AES-NI)	✓
SSD interfaces	NVMe, NVMe 3.0, PCI Express 3.0	Intel® Trusted Execution Technology	✓
NVMe	✓	Intel® VT-x with Extended Page Tables (EPT)	✓
RAID support *	✗	Intel® Secure Key	✓
Hot-swap	✓	Intel® TSX-NI	✓
Soort optische drive *	✗	Intel® OS Guard	✓
Interne drive bays	8	Intel® Clear Video-technologie	✓
Grafisch		Intel® Software Guard Extensions (Intel® SGX)	✓
Ingebouwde grafische adapter	✓	Intel® 64	✓
On-board graphics adapter model	Intel UHD Graphics P630	Intel® Virtualization Technology (VT-x)	✓
Basisfrequentie ingebouwde grafische adapter	350 MHz	ARK ID processor	191043
Graphics on-board -adapter dynamische frequentie (max)	1200 MHz	Energie	
Maximaal geheugen ingebouwde grafische adapter	128 GB	Redundante voeding *	✓
On-board grafische adapter OpenGL versie	4.5	Netvoeding *	450 W
On-board grafische adapter DirectX-versie	12.0	Aantal ondersteunde redundante voedingen	2
Aantal displays ondersteund (door on-board grafische adapter)	3	Aantal hoofdvoedingen	1
On-board grafische adapter ID	0x3E96	Gewicht en omvang	
Maximum geheugen grafische adapter	16 MB	Breedte	434 mm
Netwerk		Diepte	498 mm
LAN controller	Broadcom BCM5720	Hoogte	43 mm
		Gewicht	9,1 kg

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