



Lenovo ThinkSystem ST250 server Tower (4U) Intel Xeon E E-2176G 3,7 GHz 16 GB DDR4-SDRAM 550 W

Merk : Lenovo

Productfamilie: ThinkSystem

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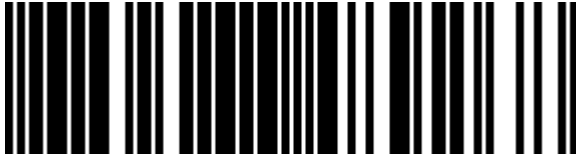
Productnaam : ST250

Lenovo ThinkSystem ST250. Processorfamilie: Intel Xeon E, Frequentie van processor: 3,7 GHz, Processormodel: E-2176G. Intern geheugen: 16 GB, Intern geheugentype: DDR4-SDRAM, Geheugenlayout: 1 x 16 GB. Ethernet LAN, Bekabelingstechnologie: 10/100/1000Base-T(X). Soort optische drive: DVD±RW. Netvoeding: 550 W. Type behuizing: Tower (4U)



Processor		Poorten & interfaces	
Processorfabrikant *	Intel	Aantal Ethernet LAN (RJ-45)-poorten *	3
Processorfamilie *	Intel Xeon E	Aantal USB 2.0-poorten	1
Processormodel *	E-2176G	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A	3
Frequentie van processor *	3,7 GHz	Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type A	2
Maximale turbofrequentie van processor	4,7 GHz	VGA (D-Sub)poort(en)	1
Aantal processorkernen	6	Seriële poort(en)	1
Processor cache	12 MB	FireWire 800	✗
Geheugenkanalen ondersteund door processor	Dual	Dual Link DVI	✗
Aantal geïnstalleerde processoren	1	S/PDIF-in poort	✗
Thermal Design Power (TDP)	80 W	S/PDIF-uitgang	✗
Processor cache type	Smart Cache	Uitbreidingsmodules	
Systeembus	8 GT/s	PCI Express x1 (Gen 3.x) slots	1
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	1
Processor aantal threads	12	PCI Express x16 (Gen 3.x) slots	1
Processor operating modes	64-bit	PCI Express slots versie	3.0
Stepping	U0	Design	
Bus type	DMI3	Type behuizing *	Tower (4U)
Codenaam processor	Coffee Lake	Kleur van het product	Zwart
Tjunction	100 °C	Rack-montage	✓
Maximaal intern geheugen ondersteund door processor	128 GB	Prestatie	
Geheugentypen ondersteund door processor	DDR4-SDRAM	Beheerplatform	XClarity Standard
Klokgeheugen-snelheden ondersteund door processor	2666 MHz	Trusted Platform Module (TPM)	✓
Geheugenbandbreedte ondersteund door de processor (max)	41,6 GB/s	Trusted Platform Module (TPM) version	2.0
ECC ondersteund door processor	✓	Software	
Execute Disable Bit	✓	Inclusief besturingssysteem *	✗
Idle States	✓	Compatibele besturingssystemen *	- Microsoft, SUSE, Red Hat, VMware vSphere - Microsoft Windows Client OS - Win10
Thermal Monitoring Technologies	✓	Processor speciale functies	
Maximaal aantal PCI Express-lijnen	16	CPU configuratie (max)	1
PCI Express configuraties	1x16, 2x8, 1x8+2x4		
Verpakkingsgrootte processor	37.5 x 37.5 mm		
Ondersteunde instructie sets	AVX 2.0, SSE4.1, SSE4.2		

Processor		Processor speciale functies	
Processorcode	SR3WS	Enhanced Intel SpeedStep Technology	✓
Schaalbaarheid	1S	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Ingebouwde opties beschikbaar	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Geheugen		Intel® Turbo Boost Technology	2.0
Intern geheugen *	16 GB	Intel® Quick Sync Video Technology	✓
Intern geheugentype *	DDR4-SDRAM	Intel® InTru™ 3D Technology	✓
Geheugenslots	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Kloksnelheid geheugen	2666 MHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Geheugenlayout	1 x 16 GB	Intel® Trusted Execution Technology	✓
Maximum intern geheugen *	64 GB	Intel® Enhanced Halt State	✓
Opslagmedia		Intel® VT-x with Extended Page Tables (EPT)	✓
Maximum aantal HDD's per behuizing	16	Intel® Secure Key	✓
Ondersteunde HDD-groottes	2.5,3.5,5.25"	Intel® TSX-NI	✓
Ondersteunde SSD-groottes	M.2	Intel® OS Guard	✓
Aantal ondersteunde SSD's	1	Intel® Clear Video-technologie	✓
Hot-swap	✓	Intel® Software Guard Extensions (Intel® SGX)	✓
Soort optische drive *	DVD±RW	Intel® Clear Video Technology for Mobile Internet Devices (Intel® CVT for MID)	✓
Grafisch		Intel® 64	✓
Familie ingebouwde grafische adapter	Intel® UHD Graphics	Versie Intel® Secure Key Technology	1,00
On-board graphics adapter model	Intel UHD Graphics P630	Intel® Virtualization Technology (VT-x)	✓
Basisfrequentie ingebouwde grafische adapter	350 MHz	Versie Intel® TSX-NI	1,00
Graphics on-board -adapter dynamische frequentie (max)	1200 MHz	ARK ID processor	134860
Maximaal geheugen ingebouwde grafische adapter	64 GB	Energie	
On-board grafische adapter OpenGL versie	4.5	Netvoeding *	550 W
On-board grafische adapter DirectX-versie	12.0	Logistieke gegevens	
Aantal displays ondersteund (door on-board grafische adapter)	3	Code geharmoniseerd systeem (HS)	84714100
On-board grafische adapter ID	0x3E96	Duurzaamheid	
Netwerk		Duurzaamheidscertificaten	ENERGY STAR
Ethernet LAN	✓	Gewicht en omvang	
Bekabelingstechnologie	10/100/1000Base-T(X)	Breedte	175 mm
Ethernet interface type	Gigabit Ethernet	Diepte	565,7 mm
		Hoogte	430 mm
		Overige specificaties	
		RAID-ondersteuning	530-8i



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