



DELL PowerEdge R540 pelayan 2 TB Rack (2U) Intel Xeon Silver 4214 2,2 GHz 16 GB DDR4-SDRAM 750 W

Brand : DELL

Product family: PowerEdge

Product code: R540-JLNB54006CN

Product name : R540



DELL PowerEdge R540. Keluarga pemproses: Intel Xeon Silver, Frekuensi pemproses: 2,2 GHz, Model pemproses: 4214. Memori dalaman: 16 GB, Jenis memori dalaman: DDR4-SDRAM. Kapasiti keseluruhan storan: 2 TB, Saiz HDD: 3.5", Antara muka HDD: Serial ATA III. Ethernet LAN. Jenis pemacu gentian kaca: DVD±RW. Bekalan Kuasa: 750 W. Jenis casis: Rack (2U)



Pemproses		Port & antara muka	
Pengilang pemproses *	Intel	Port LAN Ethernet (RJ-45) *	2
Keluarga pemproses *	Intel Xeon Silver	Kuantiti port USB 2.0	1
Generasi pemproses	Intel Xeon Scalable Gen 2	Kuantiti port Jenis A USB 3.2 Gen 1 (3.1 Gen 1)	2
Model pemproses *	4214	Kuantiti port VGA (Sub-D)	2
Frekuensi pemproses *	2,2 GHz	Kuantiti port bersiri	1
Frekuensi peningkatan pemproses	3,2 GHz	Slot pengembangan	
Teras pemproses	12	Versi slot PCI Express	3.0
Pemproses cache	16,5 MB	Reka bentuk	
Thermal Design Power (TDP)	85 W	Jenis casis *	Rack (2U)
Soket pemproses	LGA 3647 (Socket P)	Product color	Hitam
Pemproses litografi	14 nm	Lekapan rak	✓
Benang pemproses	24	Rel rak	✓
Mod pengoperasian pemproses	64-bit	Prestasi	
Pemproses nama kod	Cascade Lake	Pentadbiran jauh	iDRAC9 Basic
Tcase	77 °C	Perisian	
Memori dalaman maksimum yang disokong oleh pemproses	1,02 TB	Sistem operasi yang dipasang *	✗
Jenis memori yang disokong oleh pemproses	DDR4-SDRAM	- Canonical Ubuntu LTS - Citrix XenServer - Microsoft Windows Server with Hyper-V - Red Hat Enterprise Linux - SUSE Linux Enterprise Server - VMware ESXi	
Kelajuan jam memori disokong oleh pemproses	2400 MHz		
Laksanakan Bit nyahdaya	✓		
Jumlah maksimum jalur PCI Ekspres	48	Ciri khas pemproses	
Processor package size	76.0 x 56.5 mm	Teknologi SpeedStep Intel yang telah dipertingkatkan	✓
Set arahan disokong	AVX-512	Teknologi Kemayaan Intel untuk I/O (VT-d) terarah	✓
Skalibiti	2S		
Opsyen Tertanam tersedia	✓		
Memori			
Memori dalaman *	16 GB		

Memori		Ciri khas pemproses	
Jenis memori dalaman *	DDR4-SDRAM	Teknologi Intel® Hyper Threading (Teknologi Intel® HT)	✓
Penarafan memori	2	Teknologi Intel® Turbo Boost	2.0
Slot memori	16x DIMM	Intel® AES Arahan Baharu (Intel® AES-NI)	✓
Kelajuan jam memori	2666 MHz	Teknologi Intel Pelaksanaan yang Dipercayai	✓
Memori dalaman maksimum *	512 GB	Intel VT-x dengan Jadual Halaman yang Dipanjangkan (EPT)	✓
Storan		Intel® TSX-NI	✓
Kapasiti keseluruhan storan *	2 TB	Intel 64	✓
Jumla HDD yang dipasang	1	Teknologi Kemayaan Intel (VT-x)	✓
Kapasiti HDD	2 TB	Pemproses ARK ID	193385
Antara muka HDD	Serial ATA III	Kuasa	
Kelajuan HDD	7200 RPM	Bekalan Kuasa *	750 W
Saiz HDD	3.5"	Keadaan operasi	
Jumlah HDD yang disokong	8	Suhu operasi (T-T)	10 - 35 °C
Saiz HDD yang disokong	3.5"	Suhu simpanan (T-T)	-40 - 65 °C
Hot-Plug support	✓	Kelembapan relatif operasi (H-H)	10 - 80%
Jenis pemacu gentian kaca *	DVD±RW	Kelembapan relatif simpanan (H-H)	5 - 95%
Grafik		Altitud operasi	0 - 3048 m
Model penyesuai grafik papan ibu	Tidak tersedia	Altitud bukan operasi	0 - 12000 m
Rangkaian		Berat & dimensi	
Ethernet LAN	✓	Tinggi	86,8 mm
Jenis antara muka ethernet	Ethernet gigabit		

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