



DELL PowerEdge R740 server 1 TB Rack (2U) Intel® Xeon® 4108 1.8 GHz 16 GB DDR4-SDRAM

Brand : DELL

Product family: PowerEdge

Product code: PY5W5

Product name : R740



Intel Xeon Silver 4108 (11M Cache, 1.8GHz), 16GB DDR4 2400MHz, 1000GB HDD, DVD±RW, Gigabit Ethernet

DELL PowerEdge R740. Processor family: Intel® Xeon®, Processor frequency: 1.8 GHz, Processor model: 4108. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, HDD size: 3.5". Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Optical drive type: DVD±RW. Chassis type: Rack (2U)



Processor		Network	
Processor manufacturer *	Intel	Cabling technology	10/100/1000Base-T(X)
Processor family *	Intel® Xeon®	Ethernet interface type	Gigabit Ethernet
Processor generation	1st Generation Intel® Xeon® Scalable	Ports & interfaces	
Processor model *	4108	Ethernet LAN (RJ-45) ports *	4
Processor frequency *	1.8 GHz	USB 2.0 ports quantity	2
Processor boost frequency	3 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
Processor cores	8	VGA (D-Sub) ports quantity	2
Processor cache	11 MB	Serial ports quantity	1
Memory channels supported by processor	Hepta	Expansion slots	
Number of processors installed	1	PCI Express x8 (Gen 3.x) slots	4
Thermal Design Power (TDP)	85 W	PCI Express slots version	3.0
Processor cache type	L3	Design	
Processor socket	LGA 3647 (Socket P)	Chassis type *	Rack (2U)
Processor lithography	14 nm	Rack mounting	✓
Processor threads	16	Performance	
Processor operating modes	64-bit	Trusted Platform Module (TPM)	✓
Stepping	U0	Trusted Platform Module (TPM) version	1.2
Number of QPI links	2	Software	
Processor codename	Skylake	Operating system installed *	✗
Tcase	77 °C	Compatible operating systems *	Canonical Ubuntu LTS Citrix XenServer Microsoft Windows Server with Hyper-V Red Hat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi
Maximum internal memory supported by processor	768 GB		
Memory types supported by processor	DDR4-SDRAM		
Memory clock speeds supported by processor	2400 MHz		
ECC supported by processor	✓		
Execute Disable Bit	✓		

Processor		Processor special features	
Maximum number of PCI Express lanes	48	Enhanced Intel SpeedStep Technology	✓
Processor package size	76.0 x 56.5 mm	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Supported instruction sets	AVX, AVX 2.0, AVX-512, SSE4.2	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor code	SR3GJ	Intel® Turbo Boost Technology	2.0
Scalability	2S	Intel® AES New Instructions (Intel® AES-NI)	✓
Embedded options available	✗	Intel Trusted Execution Technology	✓
Conflict-Free processor	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel TSX-NI	✓
Internal memory *	16 GB	Intel 64	✓
Internal memory type *	DDR4-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory slots	24	Intel TSX-NI version	1.00
Memory clock speed	2400 MHz	Processor ARK ID	123544
Storage		Weight & dimensions	
Total storage capacity *	1 TB	Width	482 mm
Number of HDDs installed	1	Depth	715.5 mm
HDD capacity	1 TB	Height	76.8 mm
HDD size	3.5"	Weight	26.3 kg
Hot-swap	✓		
Optical drive type *	DVD±RW		
Network			
Ethernet LAN	✓		



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