



## DELL PowerEdge R640 servidor 300 GB Bastidor (1U) Intel® Xeon® 4114 2.2 GHz 16 GB DDR4-SDRAM

Marca : DELL

Familia de productos:  
PowerEdge

Código del producto:  
R640-2499



Nombre del producto : R640

Chassis 8 x 2.5" HotPlug, Intel Xeon Silver 4114 (13.75M Cache, 2.20 GHz), 16GB DDR4, 300GB HDD, DVD+/-RW, Broadcom 5720, PERC H740P, iDRAC9 Enterprise  
DELL PowerEdge R640. Familia de procesador: Intel® Xeon®, Frecuencia del procesador: 2.2 GHz, Modelo del procesador: 4114. Memoria interna: 16 GB, Tipo de memoria interna: DDR4-SDRAM. Capacidad total de almacenaje: 300 GB, Tamaño del HDD: 2.5", Interfaz del HDD: Serial Attached SCSI (SAS). Ethernet, Tecnología de cableado: 10/100/1000Base-T(X). Tipo de unidad óptica: DVD±RW. Tipo de chasis: Bastidor (1U)

Processor		Storage	
Processor manufacturer *	Intel	RAID levels	0, 1, 5, 10
Processor family *	Intel® Xeon®	Hot-Plug support	✓
Processor generation	1st Generation Intel® Xeon® Scalable	Optical drive type *	DVD±RW
Processor model *	4114	Internal drive bays	8
Processor frequency *	2.2 GHz	Network	
Processor boost frequency	3 GHz	LAN controller	Broadcom 5720
Processor cores	10	Ethernet LAN	✓
Processor cache	13.75 MB	Cabling technology	10/100/1000Base-T(X)
Memory channels supported by processor	Hexa	Ports & interfaces	
Number of processors installed	1	Ethernet LAN (RJ-45) ports *	4
Thermal Design Power (TDP)	85 W	USB 2.0 ports quantity	1
Processor cache type	L3	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
Processor socket	LGA 3647 (Socket P)	VGA (D-Sub) ports quantity	1
Processor lithography	14 nm	Serial ports quantity	1
Processor threads	20	Expansion slots	
Processor operating modes	64-bit	PCI Express x8 (Gen 3.x) slots	3
Stepping	U0	PCI Express slots version	3.0
Bus type	UPI	Design	
Processor codename	Skylake	Chassis type *	Rack (1U)
Tcase	78 °C	Rack mounting	✓
Maximum internal memory supported by processor	768 GB	Rack rails	✓
Memory types supported by processor	DDR4-SDRAM	Performance	
Memory clock speeds supported by processor	2400 MHz	Remote administration	iDRAC9 Enterprise
ECC supported by processor	✓	Software	
Execute Disable Bit	✓	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 number of PCI Express lanes	48	Processor special features	
Processor package size	76.0 x 56.5 mm	Enhanced Intel SpeedStep Technology	✓
Supported instruction sets	AVX, AVX 2.0, AVX-512, SSE4.2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor code	SR3GK	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Scalability	2S	Intel® Turbo Boost Technology	2.0
Embedded options available	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Conflict-Free processor	✓		
Intelligent Platform Management Interface (IPMI) support	✓		
Memory			
Internal memory *	16 GB		
Internal memory type *	DDR4-SDRAM		

Memory		Processor special features	
Memory slots	24	Intel Trusted Execution Technology	✓
ECC	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	2666 MHz	Intel TSX-NI	✓
Maximum internal memory *	192 GB	Intel 64	✓
Storage		Intel Secure Boot	✓
Total storage capacity *	300 GB	Intel Virtualization Technology (VT-x)	✓
Number of HDDs installed	1	Intel TSX-NI version	1.00
HDD capacity	300 GB	Processor ARK ID	123550
HDD interface	Serial Attached SCSI (SAS)	Weight & dimensions	
HDD size	2.5"	Depth	705 mm
Supported HDD sizes	2.5"	Other features	
RAID support *	✓	Dell E-Value Code	PER6401



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