



DELL PowerEdge R730 servidor 0 GB Bastidor (2U) Intel® Xeon® E5 v3 E5-2620V3 2,4 GHz 16 GB DDR4-SDRAM

Marca : DELL

Familia de productos:
PowerEdge

Código del producto:
R730-8813



Nombre del producto : R730

Intel Xeon E5-2620 v3 (15M Cache, 2.40 GHz), 16GB DDR4, 8 x 2.5" HotPlug, PERC H730, DVD-RW, Broadcom 5720, iDRAC8 Express

DELL PowerEdge R730. Familia de procesador: Intel® Xeon® E5 v3, Frecuencia del procesador: 2,4 GHz, Modelo del procesador: E5-2620V3. Memoria interna: 16 GB, Tipo de memoria interna: DDR4-SDRAM.

Capacidad total de almacenaje: 0 GB. Ethernet, Tecnología de cableado: 10/100/1000Base-T(X). Tipo de unidad óptica: DVD-RW. Suministro de energía redundante (RPS), soporte. Tipo de chasis: Bastidor (2U)



Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express x16 (Gen 3.x) slots	1
Processor family *	Intel Xeon E5 v3	PCI Express slots version	3.0
Processor model *	E5-2620V3	Design	
Processor frequency *	2.4 GHz	Chassis type *	Rack (2U)
Processor boost frequency	3.2 GHz	Rack mounting	✓
Processor cores	6	Software	
Processor cache	15 MB	Operating system installed *	✗
Motherboard chipset	Intel C610	Compatible operating systems *	Windows Server 2008 SP2 (32/64-bit) Windows Server 2012 SP2 (32/64-bit) Windows Server 2008/2012 R2 (64-bit) Windows HPC Server 2008 Novell SUSE Linux Enterprise Server Red Hat Enterprise Linux VMware ESX
Memory channels supported by processor	Quad	Processor special features	
Number of processors installed	1	CPU configuration (max)	2
Thermal Design Power (TDP)	85 W	Intel Rapid Storage Technology	✗
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
System bus rate	8 GT/s	Intel® Identity Protection Technology (Intel® IPT)	✗
Maximum number of SMP processors	2	Intel® Wireless Display (Intel® WiDi)	✗
Compatible processor series	Intel® Xeon®	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor socket	LGA 2011-v3	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor lithography	22 nm	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	12	Intel® My WiFi Technology (Intel® MWT)	✗
Processor operating modes	64-bit	Intel® Turbo Boost Technology	2.0
Stepping	R2	Intel® Quick Sync Video Technology	✗
FSB Parity	✗	Intel® InTru™ 3D Technology	✗
Bus type	QPI	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Number of QPI links	2		
Processor codename	Haswell		
Tcase	72.6 °C		
Maximum internal memory supported by processor	768 GB		
Memory types supported by processor	DDR4-SDRAM		
Memory clock speeds supported by processor	1600,1866 MHz		
Memory bandwidth supported by processor (max)	59 GB/s		

Processor		Processor special features	
ECC supported by processor	✓	Intel® Insider™	✗
Execute Disable Bit	✓	Intel Flex Memory Access	✗
Idle States	✓	Intel® Smart Cache	✓
Thermal Monitoring Technologies	✓	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum number of PCI Express lanes	40	Intel Trusted Execution Technology	✓
PCI Express configurations	x4, x8, x16	Intel Enhanced Halt State	✓
Processor package size	52.5 x 45 mm	Intel VT-x with Extended Page Tables (EPT)	✓
Supported instruction sets	AVX	Intel Demand Based Switching	✓
Processor code	SR207	Intel® Secure Key	✓
Scalability	2S	Intel TSX-NI	✗
Physical Address Extension (PAE)	✓	Intel® OS Guard	✓
Physical Address Extension (PAE)	46 bit	Intel Clear Video Technology	✗
Embedded options available	✓	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Processor series	Intel Xeon E5-2600 v3	Intel 64	✓
Conflict-Free processor	✗	Intel Identity Protection Technology version	0.00
Memory		Intel Secure Key Technology version	1.00
Internal memory *	16 GB	Intel Virtualization Technology (VT-x)	✓
Internal memory type *	DDR4-SDRAM	Intel TSX-NI version	0.00
Memory slots	24	Intel Dual Display Capable Technology	✗
ECC	✓	Intel FDI Technology	✗
Memory clock speed	2133 MHz	Intel Fast Memory Access	✗
Maximum internal memory *	768 GB	Processor ARK ID	83352
Storage		Power	
Maximum storage capacity *	14 TB	Redundant power supply (RPS) support *	✓
Total storage capacity *	0 GB	Number of redundant power supplies supported	1
Number of HDDs supported	8	Number of main power supplies	1
Supported HDD sizes	2.5"	Power supply input frequency	50 - 60 Hz
RAID support *	✓	Operational conditions	
RAID levels	0, 1, 5, 6, 10, 50, 60	Operating temperature (T-T)	10 - 35 °C
Hot-Plug support	✓	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	DVD-RW	Operating relative humidity (H-H)	10 - 80%
Supported storage drive interfaces	SAS, Serial ATA	Storage relative humidity (H-H)	5 - 95%
Card reader integrated	✓	Operating altitude	0 - 3048 m
Compatible memory cards	SD	Non-operating altitude	0 - 12000 m
Graphics		Weight & dimensions	
On-board graphics card model	Not available	Width	444 mm
Maximum graphics card memory	16 MB	Depth	684 mm
Network		Height	87.3 mm
LAN controller	Broadcom 5720	Weight	18.9 kg
Ethernet LAN	✓	Other features	
Cabling technology	10/100/1000Base-T(X)	Built-in display	✓
Ethernet interface type	Gigabit Ethernet	Display	LCD
Ports & interfaces		Graphics card	G200eR2
Ethernet LAN (RJ-45) ports *	2	Graphics card family	Matrox
USB 2.0 ports quantity	1	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2		
VGA (D-Sub) ports quantity	2		
Serial ports quantity	1		
Expansion slots			
PCI Express x8 (Gen 3.x) slots	6		



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