



DELL PowerEdge R430 server 600 GB Rack (1U) Intel® Xeon® E5 v4 E5-2620V4 2,1 GHz 16 GB DDR4-SDRAM 550 W

Brand : DELL

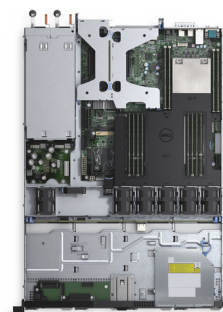
Product family: PowerEdge

Product code: R430-4014



Product name : R430

DELL PowerEdge R430. Processor family: Intel® Xeon® E5 v4, Processor frequency: 2,1 GHz, Processor model: E5-2620V4. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 16 GB. Total storage capacity: 600 GB, HDD size: 2.5", HDD interface: Serial Attached SCSI (SAS). Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Optical drive type: DVD-RW. Power supply: 550 W. Chassis type: Rack (1U)



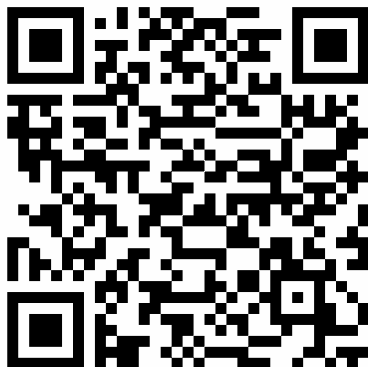
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 2.0 ports quantity	3
Processor family *	Intel® Xeon® E5 v4	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
Processor model *	E5-2620V4	VGA (D-Sub) ports quantity	2
Processor frequency *	2,1 GHz	Serial ports quantity	1
Processor boost frequency	3 GHz	Expansion slots	
Processor cores	8	PCI Express x8 (Gen 3.x) slots	1
Processor cache	20 MB	PCI Express x16 (Gen 3.x) slots	1
Memory channels supported by processor	Quad	PCI Express slots version	3.0
Number of processors installed	1	Design	
Thermal Design Power (TDP)	85 W	Chassis type *	Rack (1U)
Processor cache type	Smart Cache	Product colour	Black
System bus rate	8 GT/s	Rack mounting	✓
Processor socket	LGA 2011-v3	Rack rails	✓
Processor lithography	14 nm	Performance	
Processor threads	16	Remote administration	iDRAC8 Express
Processor operating modes	64-bit	Software	
Stepping	R0	Operating system installed *	✗
Bus type	QPI	Compatible operating systems *	
Number of QPI links	2		
Processor codename	Broadwell		
Tcase	74 °C		
Maximum internal memory supported by processor	1,54 TB	Processor special features	
Memory types supported by processor	DDR4-SDRAM		
Memory clock speeds supported by processor	1600,1866,2133 MHz		
Memory bandwidth supported by processor (max)	68,3 GB/s		
		CPU configuration (max)	2

Processor		Processor special features	
ECC supported by processor	✓	Enhanced Intel SpeedStep Technology	✓
Execute Disable Bit	✓	Intel® Identity Protection Technology (Intel® IPT)	✗
Idle States	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Thermal Monitoring Technologies	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Maximum number of PCI Express lanes	40	Intel® Turbo Boost Technology	2.0
Processor package size	45 x 52.5 mm	Intel Flex Memory Access	✗
Supported instruction sets	AVX 2.0	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor code	SR2R6	Intel Trusted Execution Technology	✓
Scalability	2S	Intel Enhanced Halt State	✓
Physical Address Extension (PAE)	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Physical Address Extension (PAE)	46 bit	Intel Demand Based Switching	✓
Embedded options available	✓	Intel® Secure Key	✓
Processor series	Intel Xeon E5-2600 v4	Intel TSX-NI	✓
Conflict-Free processor	✓	Intel® OS Guard	✓
Memory		Intel 64	✓
Internal memory *	16 GB	Intel Identity Protection Technology version	0,00
Internal memory type *	DDR4-SDRAM	Intel Secure Key Technology version	1,00
Memory slots	12	Intel Virtualization Technology (VT-x)	✓
Memory layout (slots x size)	1 x 16 GB	Intel TSX-NI version	1,00
Memory data transfer rate	2400 MT/s	Processor ARK ID	92986
Maximum internal memory *	384 GB	Power	
Storage		Power supply *	550 W
Total storage capacity *	600 GB	Number of main power supplies	1
Number of HDDs installed	1	Power supply input frequency	50 - 60 Hz
HDD capacity	600 GB	Operational conditions	
HDD interface	Serial Attached SCSI (SAS)	Operating temperature (T-T)	10 - 35 °C
HDD speed	10000 RPM	Storage temperature (T-T)	-40 - 65 °C
HDD size	2.5"	Operating relative humidity (H-H)	10 - 80%
Number of HDDs supported	4	Storage relative humidity (H-H)	5 - 95%
Supported HDD sizes	3.5"	Operating altitude	0 - 3048 m
RAID support *	✓	Non-operating altitude	0 - 12000 m
Supported RAID controllers	PERC H730 1GB	Weight & dimensions	
Hot-Plug support	✓	Width	482,4 mm
Optical drive type *	DVD-RW	Depth	607 mm
Supported storage drive interfaces	Serial ATA	Height	42,8 mm
Network		Packaging content	
Ethernet LAN	✓	Cables included	AC
Cabling technology	10/100/1000Base-T(X)		
Ethernet interface type	Gigabit Ethernet		
Ports & interfaces			
Ethernet LAN (RJ-45) ports *	4		



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Catalog Object Cloud



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