



DELL PowerEdge R430 server 300 GB Rack (1U) Intel® Xeon® E5 v4 E5-2603V4 1.7 GHz 8 GB DDR4-SDRAM

Brand : DELL

Product family: PowerEdge

Product code: GWFJF



Product name : R430

Intel Xeon E5-2603 v4 (15MB Cache, 1.6 GHz), 8GB DDR4 2133MHz, 300GB HDD, Matrox G200, Gigabit Ethernet

DELL PowerEdge R430. Processor family: Intel® Xeon® E5 v4, Processor frequency: 1.7 GHz, Processor model: E5-2603V4. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 300 GB, HDD size: 2.5", HDD interface: Serial Attached SCSI (SAS). Chassis type: Rack (1U)



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
Processor family *	Intel® Xeon® E5 v4	VGA (D-Sub) ports quantity	2
Processor model *	E5-2603V4	Serial ports quantity	1
Processor frequency *	1.7 GHz	Expansion slots	
Processor cores	6	PCI Express x8 (Gen 3.x) slots	1
Processor cache	15 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	Rack mounting	✓
System bus rate	6.4 GT/s	Software	
Processor socket	LGA 2011-v3	Operating system installed *	✗
Processor lithography	14 nm	Compatible operating systems *	Microsoft Windows Server 2008 R2
Processor threads	6		Microsoft Windows Server 2012
Processor operating modes	64-bit		Microsoft Windows Server 2012 R2
Stepping	R0		Novell SUSE Linux Enterprise Server
Bus type	QPI		Red Hat Enterprise Linux VMware ESX
Number of QPI links	2	Processor special features	
Processor codename	Broadwell	CPU configuration (max)	2
Tcase	73 °C	Enhanced Intel SpeedStep Technology	✓
Maximum internal memory supported by processor	1.54 TB	Intel® Identity Protection Technology (Intel® IPT)	✗
Memory types supported by processor	DDR4-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speeds supported by processor	1600,1866 MHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Memory bandwidth supported by processor (max)	59.7 GB/s	Intel® Turbo Boost Technology	✗
ECC supported by processor	✓	Intel Flex Memory Access	✗
Execute Disable Bit	✓	Intel® AES New Instructions (Intel® AES-NI)	✓
Idle States	✓	Intel Trusted Execution Technology	✓
Thermal Monitoring Technologies	✓	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	40	Intel VT-x with Extended Page Tables (EPT)	✓
Processor package size	45 x 52.5 mm	Intel Demand Based Switching	✓
Supported instruction sets	AVX 2.0	Intel® Secure Key	✓
Processor code	SR2P0	Intel TSX-NI	✓
Scalability	2S		
Physical Address Extension (PAE)	✓		
Physical Address Extension (PAE)	46 bit		

Processor		Processor special features	
Embedded options available	✘	Intel® OS Guard	✓
Processor series	Intel Xeon E5-2600 v4	Intel 64	✓
Conflict-Free processor	✓	Intel Identity Protection Technology version	0.00
Memory		Intel Secure Key Technology version	1.00
Internal memory *	8 GB	Intel Virtualization Technology (VT-x)	✓
Internal memory type *	DDR4-SDRAM	Intel TSX-NI version	1.00
Memory slots	12	Processor ARK ID	92993
ECC	✓	Power	
Memory clock speed	2133 MHz	Power supply input frequency	50 - 60 Hz
Maximum internal memory *	192 GB	Operational conditions	
Storage		Operating temperature (T-T)	10 - 35 °C
Total storage capacity *	300 GB	Storage temperature (T-T)	-40 - 65 °C
HDD interface	Serial Attached SCSI (SAS)	Operating relative humidity (H-H)	10 - 80%
HDD size	2.5"	Storage relative humidity (H-H)	5 - 95%
Graphics		Operating altitude	0 - 3048 m
On-board graphics card	✓	Non-operating altitude	0 - 12000 m
On-board graphics card model	Matrox G200	Weight & dimensions	
Maximum graphics card memory	16 MB	Width	482.4 mm
Ports & interfaces		Depth	677 mm
Ethernet LAN (RJ-45) ports *	4	Height	42.8 mm
USB 2.0 ports quantity	3		



0884116279655



884116279655

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.