



PowerEdge R740xd 33.9 TB 2U Intel® Xeon® Gold 6230 2.1 GHz 384 GB DDR4-SDRAM 750 W

DELL

PowerEdge

R740XD-
CLOUDSOLUTION001CN



R740xd

PowerEdge R740xd. Intel® Xeon® Gold, 2.1 GHz, 6230. 384 GB, DDR4-SDRAM, 12 x 32 GB. 33.9 TB, 3.5", NL-SAS. LAN, 10/100/1000Base-T(X). 750 W, RPS. 2U



Processor		Network	
Processor *	Intel	Network LAN	✓
Processor *	Intel® Xeon® Gold	Network	10/100/1000Base-T(X)
Processor	Intel® Xeon® Gold 6230	Network	Gigabit Ethernet
Processor *	6230		
Processor *	2.1 GHz		
Processor	3.9 GHz	Network RJ - 45	4
Processor	20	USB 2.0	2
Processor	27.5 MB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A	2
Processor	2	VGA D-SUB	2
Processor TDP	125 W	Serial	1
Processor	LGA 3647 (Socket P)		
Processor	14 nm		
Processor	40	PCI Express	3.0
Processor	64		
Processor codename	Cascade Lake		
Processor	87 °C	Processor *	2U
Processor	1.02 TB	Processor	
Processor	DDR4-SDRAM	Processor	✓
Processor	2933 MHz		
Processor	✓		
PCI Express	48	Processor	iDRAC9 Enterprise
Processor	76.0 x 56.5 mm		
Processor	AVX-512	Processor *	✗
Processor	45		
Processor	✓	Processor *	Canonical Ubuntu LTS Citrix XenServer Microsoft Windows Server with Hyper-V Red Hat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi
Processor *	384 GB		
Processor *	DDR4-SDRAM		
		Processor Intel® SpeedStep	✓

CPU		Memory	
Memory type	Registered (buffered)	Intel® DDR5/DDR4	✓
Memory speed	2	Intel® DDR5	✓
Memory capacity	24	Intel® Turbo Boost Technology (Max 3.0)	2.0
Memory ECC	✓	Intel® Optane	✓
Memory configuration	12 x 32 GB	Intel® VT-x with Extended Page Tables (EPT)	✓
Memory bandwidth	2666 MT/s	Intel® TSX-NI	✓
Memory parity (64-bit) *	3 TB	Intel® 64	✓
Storage		Virtualization	
Storage capacity *	33.9 TB	Intel® Virtualization Technology (VT-x)	✓
Storage speed	4	Intel® ARK ID	192437
Storage type	8 TB	Power	
Storage interface	NL-SAS	Power supply (RPS) *	✓
Storage rotation	7200 RPM	Power consumption *	750 W
Storage format	3.5"	Power efficiency	2
Storage height	2.5, 3.5"	Environmental	
Storage capacity	4	Operating temperature - T _{min}	10 - 35 °C
Storage capacity	480 GB	Operating temperature - T _{max}	-40 - 65 °C
Storage interface	SATA III	Operating humidity (H-H)	10 - 80%
RAID support	HBA330 + 12Gb	Operating humidity H - H _{max}	5 - 95%
RAID level	✓	Operating altitude	0 - 3048 m
RAID type *	✗	Storage altitude	0 - 12000 m
RAID configuration	SAS, SATA	Dimensions	
Network		Height	86.8 mm
Network interface	Broadcom 5720	Power supply	
		Power supply	AC input

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