DELL PowerEdge R250 서버 2 테라바이트 랙(2U) Intel Xeon E E-2334 3.4 기가헤르츠 16 기가바이트 DDR4-SDRAM 700 와트

제조사 : DELL	제품 제품군: PowerEdge	제품 코드: YJ10W
제품 모델 : R250		

DELL PowerEdge R250. 프로세서 제품군: Intel Xeon E, 프로세서 주파수: 3.4 기가헤르츠, 프로세서: E-2334. 내장 메모리: 16 기가바이트, 내장 메모리 유형: DDR4-SDRAM, 메모리 레이아웃: 1 x 16 기가바이트. 총 스토리지: 2 테라바이트, 하드 드라이브 크기: 3.5", 하드 드라이브 인터페이스: SATA III. 이더 넷/랜 지원, 데이터 링크: 10/100/1000Base-T(X). 전력 공급: 700 와트. 랙 용량: 랙(2U)

Processor		Design	
Processor manufacturer *	Intel	Bezel	✔
Processor family *	Intel Xeon E	**Performance**	
Processor model *	E-2334	Remote administration	iDRAC9, Enterprise 15G
Processor frequency *	3.4 GHz	**Software**	
Processor boost frequency	4.8 GHz	Operating system installed *	✖
Processor cores	4	Compatible operating systems *	Canonical® Ubuntu® Server LTS Citrix® Hypervisor Microsoft® Windows Server® with Hyper-V RedHat® Enterprise Linux SUSE® Linux Enterprise Server VMware® ESXi®
Processor cache	8 MB		
Number of processors installed	1		
Thermal Design Power (TDP)	65 W		
Memory		**Power**	
Internal memory *	16 GB	Redundant power supply (RPS) support *	✖
Internal memory type *	DDR4-SDRAM	Power supply *	700 W
Buffered memory type	Unregistered (unbuffered)	Power supply input voltage	200 - 240 V
Memory slots	4x DIMM	Power cable length	2 m
ECC	✔	Power cable connector 1	C13 coupler
Memory layout (slots x size)	1 x 16 GB	Power cable connector 2	C14 coupler
Memory data transfer rate	3200 MT/s	Power cable current	10 A
Maximum internal memory *	128 GB	**Operational conditions**	
Storage		Operating temperature (T-T)	10 - 35 °C
Total storage capacity *	2 TB	Storage temperature (T-T)	-40 - 65 °C
Number of HDDs installed	1	Storage relative humidity (H-H)	5 - 95%
HDD capacity	2 TB	Operating altitude	0 - 3048 m
HDD interface	SATA III	Non-operating altitude	0 - 12000 m
HDD speed	7200 RPM	**Carbon footprint**	
HDD size	3.5"	Total carbon footprint (kg of CO2e)	2100
RAID support *	✔		
Supported RAID controllers	PERC H355		
Hot-Plug support	✔		

Storage

Optical drive type *	✘
Internal drive bays	4

Graphics

On-board graphics card	✘

Network

LAN controller	Broadcom 5720
Ethernet LAN	✔
Cabling technology	10/100/1000Base-T(X)
Ethernet interface type	Gigabit Ethernet

Ports & interfaces

Ethernet LAN (RJ-45) ports *	2
USB 2.0 ports quantity	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
VGA (D-Sub) ports quantity	1

Design

Chassis type *	Rack (2U)
Product colour	Black
Rack rails	✔

Carbon footprint

Total carbon emissions, standard deviation (kg of CO2e)	935
Carbon emissions, manufacturing (kg of CO2e)	505
Carbon emissions, logistics (kg of CO2e)	110
Carbon emissions, energy usage (kg of CO2e)	1470
Carbon emissions, end-of-life (kg of CO2e)	17
Total carbon emissions, w/o use phase (kg of CO2e)	632
PAIA version	1.3.2, 2022

Weight & dimensions

Width	482 mm
Height	42.8 mm
Weight	12.5 kg

Other features

Data transfer rate	6 Gbit/s
Bytes per sector	512n

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