DELL PowerEdge R250 เซิร์ฟเวอร์ 2 TB แร็ค (1U) Intel Xeon E E-2314 2,8 GHz 8 GB DDR4-SDRAM 450 W

Brand : DELL   **Product family:** PowerEdge   **Product code:** 6V2CT

Product name : R250

DELL PowerEdge R250. ตระกูลหน่วยประมวลผล: Intel Xeon E, ความถี่ของหน่วยประมวลผล: 2,8 GHz, รุ่นหน่วยประมวลผล: E-2314. หน่วยความจำ: 8 GB, ชนิดหน่วยความจำ ภายใน: DDR4-SDRAM, เค้าโครงหน่วยความจำ (ช่องเสียบ x ขนาด): 1 x 8 GB. ความจุ ที่จัดเก็บ ทั้งหมด: 2 TB, ขนาดของ ฮาร์ดดิสก์: 3.5", HDD อินเทอร์เฟซ: SATA III. อีเธอร์เน็ต LAN, อัตราการ ส่งข้อมูลได้: 10/100/1000Base-T(X). แหล่งจ่าย กำลังไฟ: 450 W. ประเภท ตู้: แร็ค (1U)

Processor

Processor manufacturer *	Intel
Processor family *	Intel Xeon E
Processor model *	E-2314
Processor frequency *	2.8 GHz
Processor boost frequency	4.5 GHz
Processor cache	8 MB
Number of processors installed	1
Execute Disable Bit	✔
Idle States	✔

Memory

Internal memory *	8 GB
Internal memory type *	DDR4-SDRAM
Buffered memory type	Unregistered (unbuffered)
Memory slots	4x DIMM
ECC	✔
Memory layout (slots x size)	1 x 8 GB
Memory data transfer rate	3200 MT/s
Maximum internal memory *	128 GB

Storage

Total storage capacity *	2 TB
Number of HDDs installed	1
HDD capacity	2 TB
HDD interface	SATA III
HDD speed	7200 RPM
HDD size	3.5"
Number of HDDs supported	4
Supported HDD sizes	3.5"

Software

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 special features

CPU configuration (max)	1
Enhanced Intel SpeedStep Technology	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel 64	✔
Intel Virtualization Technology (VT-x)	✔

Power

Redundant power supply (RPS) support *	✘
Power supply *	450 W
Number of main power supplies	1
Power cable length	2 m
Power cable connector 1	C13 coupler
Power cable connector 2	C14 coupler
Power cable current	10 A

Storage

RAID support *	✗
Hot-Plug support	✔
Optical drive type *	✗

Graphics

On-board graphics card model	Not available

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 (1U)
Product colour	Black
Rack mounting	✔

Performance

Remote administration	iDRAC9, Express 15G

Software

Operating system installed *	✗

Logistics data

Harmonized System (HS) code	84714100

Carbon footprint

Total carbon footprint (kg of CO2e)	2100
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

Other features

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

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