



DELL PowerEdge R450 palvelin 480 GB Teline (1U) Intel® Xeon Silver 4310 2,1 GHz 16 GB DDR4-SDRAM 1100 W

Tuotemerkki : DELL

Tuoteperhe: PowerEdge

Tuotekoodi: YWY0D

Tuotteen nimi : R450



DELL PowerEdge R450. Suoritinperhe: Intel® Xeon Silver, Prosessorin taajuus: 2,1 GHz, Prosessorimalli: 4310. Sisäinen muisti: 16 GB, Sisäisen muistin tyyppi: DDR4-SDRAM, Muistin sijoittelu (paikat x koko): 1 x 16 GB. Kokonaistallennuskapasiteetti: 480 GB. Ethernet LAN, Kaapelitekniikka: 10/100/1000Base-T(X). Virtalähde: 1100 W, Vikasietoisen virtalähteen tuki (RPS). Alustatyyppi: Teline (1U)



| Processor | | Software | |
|--------------------------------|--------------------------------------|--|---|
| Processor manufacturer * | Intel | Operating system installed * | ✗ |
| Processor family * | Intel Xeon Silver | | Canonical Ubuntu Server LTS Citrix Hypervisor Microsoft Windows Server with Hyper-V Red Hat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi |
| Processor generation | 3rd Generation Intel® Xeon® Scalable | Compatible operating systems * | |
| Processor model * | 4310 | | |
| Processor frequency * | 2.1 GHz | | |
| Processor boost frequency | 3.3 GHz | | |
| Processor cores | 12 | | |
| Processor cache | 18 MB | | |
| Number of processors installed | 1 | | |
| Processor threads | 24 | | |
| Memory | | Power | |
| Internal memory * | 16 GB | Redundant power supply (RPS) support * | ✓ |
| Internal memory type * | DDR4-SDRAM | Power supply * | 1100 W |
| Buffered memory type | Registered (buffered) | Number of redundant power supplies supported | 2 |
| Memory ranking | 2 | Number of redundant power supplies installed | 2 |
| Memory slots | 16x DIMM | Power supply input voltage | 100 - 240 V |
| Memory layout (slots x size) | 1 x 16 GB | Power cable length | 2 m |
| Memory data transfer rate | 3200 MT/s | Power cable connector 1 | C13 coupler |
| Storage | | Power cable connector 2 | C14 coupler |
| Total storage capacity * | 480 GB | Power cable current | 12 A |
| Number of SSDs installed | 1 | Operational conditions | |
| SSD capacity | 480 GB | Operating temperature (T-T) | 10 - 35 °C |
| SSD interface | SATA III | Storage temperature (T-T) | -40 - 65 °C |
| SSD size | 2.5" | Operating relative humidity (H-H) | 8 - 80% |
| Supported SSD sizes | 2.5" | Storage relative humidity (H-H) | 5 - 95% |
| Number of SSDs supported | 8 | Operating altitude | 0 - 3048 m |
| RAID support * | ✓ | Non-operating altitude | 0 - 12000 m |
| | | Carbon footprint | |
| | | Total carbon footprint (kg of CO2e) | 8260 |

| | | | |
|---|------------------------|---|-------------|
| Storage | | Carbon footprint | |
| Supported RAID controllers | PERC H755 | Total carbon emissions, standard deviation (kg of CO2e) | 4440 |
| Hot-Plug support | ✓ | Carbon emissions, manufacturing (kg of CO2e) | 1001 |
| Optical drive type * | ✗ | Carbon emissions, logistics (kg of CO2e) | 138 |
| Drive writes per day (DWPD) | 1 | Carbon emissions, energy usage (kg of CO2e) | 7100 |
| Network | | Carbon emissions, end-of-life (kg of CO2e) | 22 |
| Ethernet LAN | ✓ | Total carbon emissions, w/o use phase (kg of CO2e) | 1160 |
| Cabling technology | 10/100/1000Base-T(X) | PAIA version | 1.3.2, 2022 |
| Ethernet interface type | Gigabit Ethernet | Weight & dimensions | |
| Ports & interfaces | | Width | 482 mm |
| Ethernet LAN (RJ-45) ports * | 2 | Height | 42.8 mm |
| USB 2.0 ports quantity | 1 | Other features | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 3 | Data transfer rate | 6 Gbit/s |
| VGA (D-Sub) ports quantity | 2 | Bytes per sector | 512 |
| Expansion slots | | | |
| PCI Express x16 slots | 2 | | |
| Design | | | |
| Chassis type * | Rack (1U) | | |
| Product colour | Black | | |
| Bezel | ✓ | | |
| Performance | | | |
| Remote administration | iDRAC9, Enterprise 15G | | |



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