



## DELL PowerEdge R250 2 TB (1) 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. Processor: Intel Xeon E, Processor frequency: 2,8 GHz, Processor model: E-2314. Memory: 8 GB, Memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 8 GB. Storage: 2 TB, Storage size: 3.5", HDD interface: SATA III. Network: LAN, Network speed: 10/100/1000Base-T(X). Power: 450 W. Power type: (1)



| Processor                      |                           | Software  |                                 |
|--------------------------------|---------------------------|---|---------------------------------|
| Processor manufacturer *       | Intel                     | Compatible operating systems *                          | Canonical® Ubuntu® Server LTS   |
| Processor family *             | Intel Xeon E              |   | Citrix® Hypervisor Microsoft®   |
| Processor model *              | E-2314                    |   | Windows Server® with Hyper-V    |
| Processor frequency *          | 2.8 GHz                   |   | RedHat® Enterprise Linux SUSE®  |
| Processor boost frequency      | 4.5 GHz                   |   | Linux Enterprise Server VMware® |
| Processor cache                | 8 MB                      |   | ESXi®                           |
| Number of processors installed | 1                         |   |                                 |
| Execute Disable Bit            | ✓                         |   |                                 |
| Idle States                    | ✓                         |   |                                 |
| Memory                         |                           | Processor special features                              |                                 |
| Internal memory *              | 8 GB                      | CPU configuration (max)                                 | 1                               |
| Internal memory type *         | DDR4-SDRAM                | Enhanced Intel SpeedStep Technology                     | ✓                               |
| Buffered memory type           | Unregistered (unbuffered) | Intel Virtualization Technology for Directed I/O (VT-d) | ✓                               |
| Memory slots                   | 4x DIMM                   | Intel Trusted Execution Technology                      | ✓                               |
| ECC                            | ✓                         | Intel VT-x with Extended Page Tables (EPT)              | ✓                               |
| Memory layout (slots x size)   | 1 x 8 GB                  | Intel Software Guard Extensions (Intel SGX)             | ✓                               |
| Memory data transfer rate      | 3200 MT/s                 | Intel 64  | ✓                               |
| Maximum internal memory *      | 128 GB                    | Intel Virtualization Technology (VT-x)                  | ✓                               |
| Storage                        |                           | Power   |                                 |
| Total storage capacity *       | 2 TB                      | Redundant power supply (RPS) support *                  | ✗                               |
| Number of HDDs installed       | 1                         | Power supply *  | 450 W                           |
| HDD capacity                   | 2 TB                      | Number of main power supplies                           | 1                               |
| HDD interface                  | SATA III                  | Power cable length                                      | 2 m                             |
| HDD speed                      | 7200 RPM                  | Power cable connector 1                                 | C13 coupler                     |
| HDD size                       | 3.5"                      | Power cable connector 2                                 | C14 coupler                     |
| Number of HDDs supported       | 4                         | Power cable current                                     | 10 A                            |
| Supported HDD sizes            | 3.5"                      |   |                                 |

|   |                      |   |             |
|---|----------------------|---|-------------|
| <b>Storage</b>                                  |                      | <b>Logistics data</b>                                   |             |
| RAID support *                                  | ✘                    | Harmonized System (HS) code                             | 84714100    |
| Hot-Plug support                                | ✔                    | <b>Carbon footprint</b>                                 |             |
| Optical drive type *                            | ✘                    | Total carbon footprint (kg of CO2e)                     | 2100        |
| <b>Graphics</b>                                 |                      | Total carbon emissions, standard deviation (kg of CO2e) | 935         |
| On-board graphics card model                    | Not available        | Carbon emissions, manufacturing (kg of CO2e)            | 505         |
| <b>Network</b>                                  |                      | Carbon emissions, logistics (kg of CO2e)                | 110         |
| LAN controller                                  | Broadcom 5720        | Carbon emissions, energy usage (kg of CO2e)             | 1470        |
| Ethernet LAN                                    | ✔                    | Carbon emissions, end-of-life (kg of CO2e)              | 17          |
| Cabling technology                              | 10/100/1000Base-T(X) | Total carbon emissions, w/o use phase (kg of CO2e)      | 632         |
| Ethernet interface type                         | Gigabit Ethernet     | PAIA version  | 1.3.2, 2022 |
| <b>Ports &amp; interfaces</b>                   |                      | <b>Weight &amp; dimensions</b>                          |             |
| Ethernet LAN (RJ-45) ports *                    | 2                    | Width   | 482 mm      |
| USB 2.0 ports quantity                          | 2                    | Height  | 42.8 mm     |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 1                    | <b>Other features</b>                                   |             |
| VGA (D-Sub) ports quantity                      | 1                    | Data transfer rate                                      | 6 Gbit/s    |
| <b>Design</b>                                   |                      | Bytes per sector  | 512n        |
| Chassis type *                                  | Rack (1U)            |   |             |
| Product colour                                  | Black                |   |             |
| Rack mounting                                   | ✔                    |   |             |
| <b>Performance</b>                              |                      |   |             |
| Remote administration                           | iDRAC9, Express 15G  |   |             |
| <b>Software</b>                                 |                      |   |             |
| Operating system installed *                    | ✘                    |   |             |



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