

# Dell PowerEdge R250 - Server - rack-mountable

1U - 1-way - 1 x Xeon E-2314 / 2.8 GHz - RAM 8 GB - SATA - hot-swap 3.5" bay(s) - HDD 2 TB - Matrox G200 - GigE - no OS - monitor: none - black - BTP - with 3 Years Basic Onsite

|                       |               |
|-----------------------|---------------|
| Group                 | Servers       |
| Manufacturer          | Dell          |
| Manufacturer item no. | 6V2CT         |
| EAN/UPC               | 5397184745762 |



## Description

The Dell EMC PowerEdge R250 affordably addresses common business workloads while delivering compute with an entry-level 1U rack server.

## Main features

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| Product Description     | Dell PowerEdge R250 - rack-mountable - Xeon E-2314 2.8 GHz - 8 GB - HDD 2 TB |
| Type                    | Server - rack-mountable                                                      |
| Bundled Services        | 3 Years Basic Onsite                                                         |
| Height (Rack Units)     | 1U                                                                           |
| Server Scalability      | 1-way                                                                        |
| Processor               | 1 x Intel Xeon E-2314 / 2.8 GHz (4.5 GHz) (Quad-Core)                        |
| Processor Socket        | FCLGA1200 Socket                                                             |
| Processor Main Features | Intel Turbo Boost Technology 2                                               |
| Cache Memory            | 8 MB                                                                         |
| Cache Per Processor     | 8 MB                                                                         |
| RAM                     | 8 GB (installed) / 128 GB (max) - DDR4 SDRAM - ECC                           |
| Server Storage Bays     | Hot-swap 3.5"                                                                |
| Hard Drive              | HDD 2 TB (hot-swap) - SATA 6Gb/s - 7200 rpm                                  |
| Optical Storage         | No optical drive                                                             |
| Graphics Controller     | Matrox G200                                                                  |
| Video Memory            | 16 MB                                                                        |
| Networking              | GigE                                                                         |
| Power                   | (50/60 Hz)                                                                   |
| OS Provided             | No operating system                                                          |
| Colour                  | Black                                                                        |
| Dimensions (WxDxH)      | 48.2 cm 4.28 cm                                                              |
| Pricing Type            | Build To Plan (BTP)                                                          |

## Extended details

### General

|                     |                      |
|---------------------|----------------------|
| Type                | Server               |
| Bundled Services    | 3 Years Basic Onsite |
| Product Form Factor | Rack-mountable - 1U  |
| Server Scalability  | 1-way                |
| Hot-Swap Bays Qty   | 4                    |
| Colour              | Black                |

### Processor / Chipset

|                         |                                |
|-------------------------|--------------------------------|
| CPU                     | Intel Xeon E-2314              |
| Clock Speed             | 2.8 GHz                        |
| Max Turbo Speed         | 4.5 GHz                        |
| Number of Cores         | Quad-Core                      |
| CPU Qty                 | 1                              |
| Max CPU Qty             | 1                              |
| Processor Main Features | Intel Turbo Boost Technology 2 |
| CPU Socket              | FCLGA1200 Socket               |

### Cache Memory

|                     |      |
|---------------------|------|
| Installed Size      | 8 MB |
| Cache Per Processor | 8 MB |

### RAM

|                        |                       |
|------------------------|-----------------------|
| Installed Size         | 8 GB / 128 GB (max)   |
| Technology             | DDR4 SDRAM - ECC      |
| Effective Memory Speed | 3200 MHz              |
| Rated Memory Speed     | 3200 MHz              |
| Form Factor            | DIMM 288-pin          |
| Slots                  | 4 (Total) / 3 (empty) |
| Features               | Unbuffered            |
| Configuration Features | 1 x 8 GB              |

### Hard Drive

|                |                     |
|----------------|---------------------|
| Type           | HDD - hot-swap      |
| Capacity       | 1 x 2 TB            |
| Interface Type | SATA 6Gb/s          |
| Spindle Speed  | 7200 rpm            |
| Features       | 512 native ( 512n ) |

### Optical Storage

|      |                  |
|------|------------------|
| Type | No optical drive |
|------|------------------|

### Monitor

|              |       |
|--------------|-------|
| Monitor Type | None. |
|--------------|-------|

|                              |                                                                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|                              | <b>Graphics Controller</b>                                                                                                                  |
| Graphics Processor           | Matrox G200                                                                                                                                 |
| Video Memory                 | 16 MB                                                                                                                                       |
| Video Interfaces             | VGA                                                                                                                                         |
|                              | <b>Networking</b>                                                                                                                           |
| Interface (Bus) Type         | LAN-on-motherboard (LOM)                                                                                                                    |
| Ethernet Controller          | Broadcom BCM5720                                                                                                                            |
| Data Link Protocol           | Ethernet, Fast Ethernet, Gigabit Ethernet                                                                                                   |
| Remote Management Controller | Integrated Dell Remote Access Controller 9 Express 15G (iDRAC9 15G)                                                                         |
|                              | <b>Expansion / Connectivity</b>                                                                                                             |
| Bays                         | 4 (total) / 3 (free) x hot-swap 3.5"                                                                                                        |
| Slots                        | 1 (total) / 1 (free) x PCIe x16   1 (total) / 1 (free) x PCIe x8                                                                            |
| Interfaces                   | 1 x VGA   2 x LAN (Gigabit Ethernet)   2 x USB 2.0 (1 in front)   1 x USB 3.0   1 x management - micro-USB (1 in front) (iDRAC Direct port) |
|                              | <b>Miscellaneous</b>                                                                                                                        |
| Included Accessories         | Riser card, ReadyRails static rails for 2/4-post racks                                                                                      |
| Pricing Type                 | Build To Plan (BTP)                                                                                                                         |
|                              | <b>Power</b>                                                                                                                                |
| Device Type                  | Power supply                                                                                                                                |
| Installed Qty                | 1                                                                                                                                           |
| Voltage Required             | AC 100-240 V (50/60 Hz)                                                                                                                     |
| Power Provided               | 450 Watt                                                                                                                                    |
| 80 PLUS Certification        | 80 PLUS Platinum                                                                                                                            |
|                              | <b>Operating System / Software</b>                                                                                                          |
| OS Provided                  | No operating system                                                                                                                         |
|                              | <b>Dimensions &amp; Weight</b>                                                                                                              |
| Width                        | 48.2 cm                                                                                                                                     |
| Height                       | 4.28 cm                                                                                                                                     |

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