



ENERGY STAR CERTIFIED

# Enterprise Servers

## DELL EMC - E38S : PowerEdge R740

### Specifications

|   |   |
|---|---|
| <b>ENERGY STAR Partner:</b>                                       | Dell Inc.   |
| <b>Brand Name:</b>  | DELL EMC  |
| <b>Model Name:</b>  | E38S  |
| <b>Model Number:</b>  | PowerEdge R740  |
| <b>Form Factor:</b>   | Rack-mount  |
| <b>Resilient System:</b>  | No  |
| <b>Available Expansion Slots:</b>                                 | 2   |
| <b>Operating Systems Supported:</b>                               | Windows, Linux, Other   |
| <b>Power Saving Features Available:</b>                           | Variable speed fan control based on power or thermal readings, Power capping, Low power memory states, Low power I/O states, Other, Processor or core reduced power states, Dynamic voltage and frequency scaling of processor(s) |
| <b>Product Processor Socket Count:</b>                            | 2   |
| <b>Available DIMM Slots:</b>                                      | 24  |
| <b>Maximum Memory Capacity (GB):</b>                              | 384.0   |
| <b>Installed Processors for Typical or Single Configuration:</b>  | 2   |
| <b>Cores Per Processor Typical or Single Configuration:</b>       | 20  |
| <b>Number of Threads for Typical or Single Configuration:</b>     | 40  |
| <b>Processor Brand Typical or Single Configuration:</b>           | Intel   |
| <b>Processor Model Name Typical or Single Configuration:</b>      | Xeon? Gold 6230   |
| <b>Processor Speed for Typical or Single Configuration (GHz):</b> | 2.1   |
| <b>Num. of DDR Channels for Typical or Single Configuration:</b>  | 12  |
| <b>Memory Speed Typical or Single Configuration (GHz):</b>        | 2.93  |
| <b>Typical or Single Configuration Size Per DIMM (GB):</b>        | 16  |
| <b>Installed Num. DIMMs for Typical or Single Configuration:</b>  | 12  |
| <b>Installed Memory for Typical or Single Configuration (GB):</b> | 192.0   |

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|--|-----------------------|
| <b>Typical or Single Configuration Redundant Power Supply:</b>             | Yes                   |
| <b>SERT Active State Efficiency Score Typical or Single Configuration:</b> | 28.0                  |
| <b>SERT Version :</b>  | 2.0.1                 |
| <b>64-bit Architecture:</b>  | 64-bit supported      |
| <b>Date Available On Market:</b>   | 2017-06-20            |
| <b>Date Qualified:</b>   | 2019-04-15            |
| <b>Markets:</b>  | United States, Canada |
| <b>ENERGY STAR Certified:</b>  | Yes                   |

## Additional Model Information

E38S,PowerEdge R740xd,

**Captured On:**  
04/01/2021