



## ENERGY STAR CERTIFIED Enterprise Servers

### Hewlett Packard Enterprise - HPE Cray XD295v 1P : HPE Cray XD295v 1P

#### Specifications

|                                                                   |                                                                                                                                                                                                                            |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ENERGY STAR Unique ID:</b>                                     | 3387700                                                                                                                                                                                                                    |
| <b>ENERGY STAR Partner:</b>                                       | Hewlett Packard Enterprise                                                                                                                                                                                                 |
| <b>Brand Name:</b>                                                | Hewlett Packard Enterprise                                                                                                                                                                                                 |
| <b>Model Name:</b>                                                | HPE Cray XD295v 1P                                                                                                                                                                                                         |
| <b>Model Number:</b>                                              | HPE Cray XD295v 1P                                                                                                                                                                                                         |
| <b>Form Factor:</b>                                               | Blade - Half Chassis                                                                                                                                                                                                       |
| <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, Processor or core reduced power states, Low power I/O states, Power capping, Low power memory 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>                              | 6144.0                                                                                                                                                                                                                     |
| <b>Maximum Number Blade Slots:</b>                                | 2                                                                                                                                                                                                                          |
| <b>Installed Processors for Typical or Single Configuration:</b>  | 1                                                                                                                                                                                                                          |
| <b>Cores Per Processor Typical or Single Configuration:</b>       | 32                                                                                                                                                                                                                         |
| <b>Number of Threads for Typical or Single Configuration:</b>     | 64                                                                                                                                                                                                                         |
| <b>Processor Brand Typical or Single Configuration:</b>           | AMD                                                                                                                                                                                                                        |
| <b>Processor Model Name Typical or Single Configuration:</b>      | EPYC 9354                                                                                                                                                                                                                  |
| <b>Processor Speed for Typical or Single Configuration (GHz):</b> | 3.0                                                                                                                                                                                                                        |
| <b>Num. of DDR Channels for Typical or Single Configuration:</b>  | 12                                                                                                                                                                                                                         |
| <b>Memory Speed Typical or Single Configuration (GHz):</b>        | 4.8                                                                                                                                                                                                                        |
| <b>Typical or Single Configuration Size Per DIMM (GB):</b>        | 16                                                                                                                                                                                                                         |
| <b>Installed Num. DIMMs for Typical or Single Configuration:</b>  | 12                                                                                                                                                                                                                         |

|                                                                     |                              |
|---------------------------------------------------------------------|------------------------------|
| Installed Memory for Typical or Single Configuration (GB):          | 192.0                        |
| Typical or Single Configuration Redundant Power Supply:             | Yes                          |
| SERT Active State Efficiency Score Typical or Single Configuration: | 71.20                        |
| SERT Version :                                                      | Other                        |
| SERT Version Other :                                                | 2.0.8                        |
| 64-bit Architecture:                                                | 32-bit only                  |
| Tested Num. Blade Slots Typical or Single Configuration:            | 2                            |
| Date Available On Market:                                           | 2022-12-19                   |
| Date Certified:                                                     | 2025-02-10                   |
| Markets:                                                            | United States, Japan, Canada |
| ENERGY STAR Certified:                                              | Yes                          |

Additional Model Information

.,TPS-I027,

Captured On:  
04/30/2025