



ENERGY STAR CERTIFIED

# Enterprise Servers

## Oracle - Oracle Server X8-2 : X8-2 32 core

### Specifications

<b>ENERGY STAR Partner:</b>	Oracle Corporation
<b>Brand Name:</b>	Oracle
<b>Model Name:</b>	Oracle Server X8-2
<b>Model Number:</b>	X8-2 32 core
<b>Form Factor:</b>	Rack-mount
<b>Resilient System:</b>	No
<b>Available Expansion Slots:</b>	4
<b>Operating Systems Supported:</b>	Windows,Solaris,Linux,Other
<b>Power Saving Features Available:</b>	Variable speed fan control based on power or thermal readings,Processor or core reduced power states,Power capping,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>	1536.0
<b>Installed Processors for Typical or Single Configuration:</b>	2
<b>Cores Per Processor Typical or Single Configuration:</b>	16
<b>Number of Threads for Typical or Single Configuration:</b>	64
<b>Processor Brand Typical or Single Configuration:</b>	Intel
<b>Processor Model Name Typical or Single Configuration:</b>	Xeon Gold 5218
<b>Processor Speed for Typical or Single Configuration (GHz):</b>	2.3
<b>Num. of DDR Channels for Typical or Single Configuration:</b>	12
<b>Memory Speed Typical or Single Configuration (GHz):</b>	2.67
<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
<b>Typical or Single Configuration Redundant Power Supply:</b>	Yes

<b>SERT Active State Efficiency Score Typical or Single Configuration:</b>	29.6
<b>SERT Version :</b>	Other
<b>SERT Version Other :</b>	2.0.3
<b>64-bit Architecture:</b>	64-bit supported
<b>Date Available On Market:</b>	2019-04-09
<b>Date Qualified:</b>	2020-12-17
<b>Markets:</b>	United States, Taiwan, Japan, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

**Captured On:**  
03/30/2021