



# ENERGY STAR CERTIFIED Enterprise Servers

## Lenovo - Lenovo ThinkSystem SR850 V3 : 7D96

### Specifications

<b>ENERGY STAR Unique ID:</b>	3360730
<b>ENERGY STAR Partner:</b>	Lenovo Group Limited
<b>Brand Name:</b>	Lenovo
<b>Model Name:</b>	Lenovo ThinkSystem SR850 V3
<b>Model Number:</b>	7D96
<b>Form Factor:</b>	Rack-mount
<b>Resilient System:</b>	No
<b>Available Expansion Slots:</b>	14
<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,Low power I/O states,Low power memory states,Dynamic voltage and frequency scaling of processor(s)
<b>Product Processor Socket Count:</b>	4
<b>Available DIMM Slots:</b>	64
<b>Maximum Memory Capacity (GB):</b>	16384.0
<b>Installed Processors for Typical or Single Configuration:</b>	4
<b>Cores Per Processor Typical or Single Configuration:</b>	18
<b>Number of Threads for Typical or Single Configuration:</b>	144
<b>Processor Brand Typical or Single Configuration:</b>	Intel
<b>Processor Model Name Typical or Single Configuration:</b>	Intel(R) Xeon(R) Gold 6416H
<b>Processor Speed for Typical or Single Configuration (GHz):</b>	2.2
<b>Num. of DDR Channels for Typical or Single Configuration:</b>	32
<b>Memory Speed Typical or Single Configuration (GHz):</b>	4.8
<b>Typical or Single Configuration Size Per DIMM (GB):</b>	32
<b>Installed Num. DIMMs for Typical or Single Configuration:</b>	32
<b>Installed Memory for Typical or Single Configuration (GB):</b>	1024.0

<b>Typical or Single Configuration Redundant Power Supply:</b>	Yes
<b>SERT Active State Efficiency Score Typical or Single Configuration:</b>	50.70
<b>SERT Version :</b>	Other
<b>SERT Version Other :</b>	2.0.6
<b>64-bit Architecture:</b>	64-bit supported
<b>Date Available On Market:</b>	2023-05-15
<b>Date Certified:</b>	2024-01-08
<b>Markets:</b>	United States, Japan, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

,7D98;; ThinkSystem SR850 V3,7D97,

**Captured On:**  
04/25/2025