



ENERGY STAR CERTIFIED Enterprise Servers

Lenovo - Lenovo ThinkSystem SR850 V3 : 7D96-2P

Specifications

ENERGY STAR Unique ID:	3360729
ENERGY STAR Partner:	Lenovo Group Limited
Brand Name:	Lenovo
Model Name:	Lenovo ThinkSystem SR850 V3
Model Number:	7D96-2P
Form Factor:	Rack-mount
Resilient System:	No
Available Expansion Slots:	14
Operating Systems Supported:	Windows,Solaris,Linux,Other
Power Saving Features Available:	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)
Product Processor Socket Count:	4
Available DIMM Slots:	32
Maximum Memory Capacity (GB):	8192.0
Installed Processors for Typical or Single Configuration:	2
Cores Per Processor Typical or Single Configuration:	32
Number of Threads for Typical or Single Configuration:	128
Processor Brand Typical or Single Configuration:	Intel
Processor Model Name Typical or Single Configuration:	Intel(R) Xeon(R) Gold 6448H
Processor Speed for Typical or Single Configuration (GHz):	2.4
Num. of DDR Channels for Typical or Single Configuration:	16
Memory Speed Typical or Single Configuration (GHz):	4.8
Typical or Single Configuration Size Per DIMM (GB):	32
Installed Num. DIMMs for Typical or Single Configuration:	16
Installed Memory for Typical or Single Configuration (GB):	512.0

Typical or Single Configuration Redundant Power Supply:	Yes
SERT Active State Efficiency Score Typical or Single Configuration:	53.70
SERT Version :	Other
SERT Version Other :	2.0.6
64-bit Architecture:	64-bit supported
Date Available On Market:	2023-05-15
Date Certified:	2024-01-08
Markets:	United States, Japan, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

,7D98-2P;; ThinkSystem SR850 V3,7D97-2P,

Captured On:
06/17/2025