



ENERGY STAR CERTIFIED Enterprise Servers

Lenovo - Lenovo ThinkSystem SR645 : 7D2X

Specifications

ENERGY STAR Unique ID:	3360709
ENERGY STAR Partner:	Lenovo Group Limited
Brand Name:	Lenovo
Model Name:	Lenovo ThinkSystem SR645
Model Number:	7D2X
Form Factor:	Rack-mount
Resilient System:	No
Available Expansion Slots:	3
Operating Systems Supported:	Windows, 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, Power capping, Low power memory states, Dynamic voltage and frequency scaling of processor(s)
Product Processor Socket Count:	2
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:	16
Number of Threads for Typical or Single Configuration:	64
Processor Brand Typical or Single Configuration:	AMD
Processor Model Name Typical or Single Configuration:	EPYC 7302 16-Core Processor
Processor Speed for Typical or Single Configuration (GHz):	3.0
Num. of DDR Channels for Typical or Single Configuration:	16
Memory Speed Typical or Single Configuration (GHz):	3.2
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:	42.90
SERT Version :	Other
SERT Version Other :	2.0.7
64-bit Architecture:	64-bit supported
Date Available On Market:	2020-06-15
Date Certified:	2024-01-03
Markets:	United States, Japan, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

ThinkSystem SR645,7D2Y,

Captured On:
04/29/2025