



# ENERGY STAR CERTIFIED Enterprise Servers

## Supermicro - 621H series : SYS-621H-TN12R

Specifications	
ENERGY STAR Unique ID:	3414113
ENERGY STAR Partner:	Super Micro Computer, Inc.
Brand Name:	Supermicro
Model Name:	621H series
Model Number:	SYS-621H-TN12R
Form Factor:	Rack-mount
Resilient System:	No
Available Expansion Slots:	4
Operating Systems Supported:	Windows,Linux
Power Saving Features Available:	Other
Product Processor Socket Count:	2
Available DIMM Slots:	32
Maximum Memory Capacity (GB):	4096.0
Installed Processors for Typical or Single Configuration:	2
Cores Per Processor Typical or Single Configuration:	8
Number of Threads for Typical or Single Configuration:	32
Processor Brand Typical or Single Configuration:	Intel
Processor Model Name Typical or Single Configuration:	Xeon(R) Gold 6434
Processor Speed for Typical or Single Configuration (GHz):	3.7
Num. of DDR Channels for Typical or Single Configuration:	32
Memory Speed Typical or Single Configuration (GHz):	4.8
Typical or Single Configuration Size Per DIMM (GB):	64
Installed Num. DIMMs for Typical or Single Configuration:	16
Installed Memory for Typical or Single Configuration (GB):	1024.0
Typical or Single Configuration Redundant Power Supply:	Yes

SERT Active State Efficiency Score Typical or Single Configuration:	33.50
SERT Version :	Other
SERT Version Other :	2.0.7
64-bit Architecture:	64-bit supported
Date Available On Market:	2023-12-01
Date Certified:	2024-01-18
Markets:	United States, Japan, Canada
ENERGY STAR Certified:	Yes

Captured On:  
04/29/2025