THINKMATE

A+ Server 2125HS-TNR

My System January 16th, 10:40 am EST

Thinkmate Config ID 622560

Configured Price: **$52,687.18 CAD**

Selection Summary

Barebone	Supermicro Hyper Server 2125HS-TNR - 2U - 24x NVMe/SATA - 2x M.2 - 1x AIOM - 1600W (1+1) Redundant
Processor	2 x AMD EPYC™ 9654 Processor 96-core 2.40GHz 384MB Cache (360W)
Memory	24 x 32GB PC5-38400 4800MHz DDR5 ECC RDIMM
Hard Drive	2 x 1.92TB Western Digital Ultrastar DC SN840 Series U.2 PCIe 3.1 x4 NVMe Solid State Drive
	15.36TB Western Digital Ultrastar DC SN840 Series U.2 PCIe 3.1 x4 NVMe Solid State Drive
Network Adapter	Intel® 100-Gigabit Ethernet Network Adapter E810-CQDA1 - PCIe 4.0 x16 - 1x QSFP28
I/O Modules - Networking	Supermicro AIOM OCP 3.0 - 2x 25GbE SFP28 - Broadcom BCM57414 - PCIe 3.0 x8 - AOC-A25G-b2SM
Trusted Platform Module	Supermicro AOM-TPM-9670V-S - Trusted Platform Module - TPM 2.0 - X11 X12 - Server Provisioned - Vertical
Server Management	Supermicro Update Manager (SUM) (OOB Management Package), included
Cables	2 x IEC320 C13 to C14 Power Cable - 16AWG - 250V/13A - 2ft / 0.6M (TAA Compliant)
Operating System	No Operating System
Warranty	4 Year Advanced Parts Replacement Warranty and NBD Onsite Service (Zone 0)

Tech Specs

Barebone

Memory Technology	DDR5 ECC Registered
Chipset	System on Chip
Form Factor	2U
Color	Black front & silver body
Memory Slots	24x 288-pin DIMM Sockets
Graphics	ASPEED AST2600 BMC
Ethernet	Via Slim-AIOM
Power	1U 1000W/1600W Redundant single output power supply
External Bays	24x 2.5" hot-swap NVMe/SATA/SAS drive bays
M.2	2 M.2 NVMe 80mm/110mm
Expansion Slots	4 PCI-E 5.0 x16 (FHHL) slots 1x AIOM/OCP NIC 3.0 Slot
Front Panel	Power On/Off UID button HDD activity LAN1 activity Power status System information
Dimensions (WxHxD)	17.2" (437mm) x 3.5" (88.9mm) x 29.9" (760mm)

Processor

Product Line	EPYC 9004
Socket	SP5
Clock Speed	2.40 GHz

Cores/Threads	96C / 192T
AMD Boost Technology	yes
TDP Wattage	360W
Memory	
Technology	DDR5
Type	288-pin DIMM
Capacity	24 x 32 GB
Speed	4800 MHz
Error Checking	ECC
Signal Processing	Registered
Hard Drive	
Storage Capacity	2 x 1.92TB
	15.36TB
Interface	PCIe 3.1 x4 NVMe
	PCIe 3.1 x4 NVMe
Endurance	1x DWPD
	1x DWPD
Read IOPS	736,000 IOPS
	780,000 IOPS
Write IOPS	108,000 IOPS
	149,000 IOPS
Read Speed	3,470 MB/s
	3,470 MB/s
Write Speed	2,800 MB/s
	3,190 MB/s
NAND	Western Digital 96-Layer 3D TLC NAND
	Western Digital 96-Layer 3D TLC NAND
Network Adapter	
Speed	100Gb Ethernet
Connector	QSFP28
Interface	PCIe 4.0 x16
I/O Modules - Networking	
Speed	25Gb Ethernet
Connector	SFP28
Interface	AIOM

Quotation Date: January 16th, 2023, 10:44 AM EST. All prices subject to change.

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READY TO BUY?
1-781-440-0699

CONFIGURATION ID
622560

THINKMATE

Thinkmate is a world-class provider of custom computer and server equipment since 1986. Our business was formed around assisting our customers in planning, budgeting, and implementing complete solutions. We provide a broad range of customized server, storage and cluster solutions to governments, universities, corporations and high performance computing markets. Our commitment to superior customer service and cutting edge technology has kept us the number one white box server solutions provider for nearly twenty years.