

# THINKMATE

A SOURCE CODE COMPANY

## QUOTATION

Quote # 251229-17A  
 Date 12/29/2025  
 Expires 01/13/2026

232 Vanderbilt Ave, Norwood, MA 02062  
 Phone: 1-800-371-1212 Fax: 1-781-762-6014

Billing Information	Shipping Information	Account Manager
City of Columbia Heights	City of Columbia Heights	Amir Golparvar
3989 Central Avenue NE	3989 Central Avenue NE	Amirg@thinkmate.com
Minneapolis, MN 55421	Minneapolis, MN 55421	800-371-1212
jhauf@columbiaheightsmn.gov	Ship Via: FedEx Ground	
763-706-3639		

SKU	Description	Unit Price	Qty	Ext. Price
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## RAX XT24-22S3

intel  
XEON

2U

DDR4L

SAS3  
12Gb/s



<b>RAX XT24-22S3</b>	<b>\$45,189.00</b>	<b>1</b>	<b>\$45,189.00</b>
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- Intel C621A Chipset - 2U - 24x 2.5" SATA/SAS3 - Dual 1-Gigabit Ethernet - 1600W Redundant
- 2 x Intel Xeon Gold 5318Y Processor 24-Core 2.1GHz 36MB Cache (165W)
- 16 x 32GB PC4-25600 3200MHz DDR4 ECC RDIMM
- 2 x 480GB Micron 5400 PRO Series 2.5" SATA 6.0Gb/s Solid State Drive
- 24 x 3.84TB Micron 5400 PRO Series 2.5" SATA 6.0Gb/s Solid State Drive
- Broadcom HBA 9500-8i SAS3/SATA 8-Port Tri-Mode Host Bus Adapter - PCIe 4.0 x8
- Intel 25-Gigabit Ethernet Network Adapter E810-XXVDA2 - PCIe 4.0 x8 - OCP 3.0 - 2x SFP28
- Broadcom NetXtreme 1-Gigabit Ethernet Network Adapter - PCIe 2.0 x1 - 2x RJ45
- 2 x Intel 10-Gigabit Ethernet Network Adapter X710-T4L - PCIe 3.0 x8 - 4x RJ45
- 2 x AC Power Cord (North America), C13, NEMA 5-15P, 3 ft.
- Thinkmate Standard Rail Kit for 1U/2U Servers (Square Hole) (Included)
- No Operating System
- Thinkmate 3 Year Advanced Parts Replacement Warranty and NBD Onsite Service (Zone 0)

Barebone	
Memory Technology	DDR4 ECC Registered
Chipset	Intel C621a
Form Factor	2U
Memory Slots	32x 288-pin DIMM sockets
Graphics	Integrated in Aspeed AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM
Ethernet	Dual-Port Intel i350 Gigabit Ethernet LAN Dedicated Management LAN port
Power	Redundant 1600W AC-DC Power Supply
External Bays	24x 2.5-inch hot-swap drive bays (front) SAS/SATA 2x 2.5-inch hot-swap drive bays (rear) SAS/SATA
Expansion Slots	Riser 1: FHHL PCIe 4.0 x16 + 2 FHHL PCIe 4.0 x8 slots Riser 2: FHHL PCIe 4.0 x16 slot OR 2 FHHL PCI 4.0 x8 slots + FHHL PCIe 3.0 x16 slot OR FHHL PCI 3.0 x8 slot + OCP 2.0 Gen3 x8 slot Riser 3: 2 LP PCIe 4.0 x8 slots OCP 3.0 Gen4 x16 slot
Front Panel	Power button with LED Reset button NMI button ID button with LED HDD LED LAN LEDs 1 USB 3.0 System Status LED
Back Panel	2 Ethernet RJ45 ports 1 RJ45 Management LAN port 2 USB 3.0 ports 1 VGA ID button with LED
Dimensions (WxHxD)	17.2 inches (438 mm) x 3.44 inches (87.5 mm) x 28.7 inches (730 mm)

SATA 6Gbps AHCI Controller	Intel C621a PCH
SATA 6Gbps AHCI Ports	12
<b>Controller</b>	
Product Type	SAS Host Bus Adapter
Data Transfer Rate	12Gb/s SAS
Internal Ports	8 Ports
I/O Processor	LSI SAS3808
Max Devices	SAS/SATA: 1024
<b>Memory</b>	
Technology	DDR4
Type	288-pin DIMM
Capacity	32 GB
Speed	3200 MHz
Error Checking	ECC
Signal Processing	Registered
<b>Networking</b>	
Speed	1Gb Ethernet 10Gb Ethernet 25Gb Ethernet
Connector	RJ45 RJ45 SFP28
Interface	PCI Express 2.1 x1 PCI Express 3.0 x8 PCIe 4.0 x8
Cable Medium	Copper Copper Copper
VT for Directed I/O (VT-d)	Yes
<b>Processor</b>	
Product Line	Xeon Scalable 3rd Gen
Socket	LGA4189
Clock Speed	2.10 GHz
HyperTransport	yes
Cores/Threads	24C / 48T
Intel Virtualization Technology	Yes
Intel Hyper-Threading	Yes
TDP Wattage	165
<b>Solid State Drive</b>	
Storage Capacity	480GB 3.84TB
Interface	6.0Gb/s Serial ATA 6.0Gb/s Serial ATA
Endurance	1.5 DWPD 1.5 DWPD
Read IOPS	95,000 IOPS 95,000 IOPS
Write IOPS	37,000 IOPS 30,000 IOPS
Read Speed	540 MB/s 540 MB/s
Write Speed	520 MB/s 520 MB/s
NAND	Micron 176-layer 3D TLC NAND Micron 176-layer 3D TLC NAND

Sub Total:	\$45,189.00
FedEx Ground Freight:	\$249.00
<b>Quote Total:</b>	<b>\$45,438.00</b>

Please be advised that the quote provided excludes tariffs and prices are subject to change based on any applicable tariff adjustments.