

THINKMATE

GPX QT24-24E2-8GPU

My System October 9th, 8:34 am EDT
Thinkmate Config ID 533089

GPX

QT24-24E2-8GPU

EPYC

4U

DDR4L

SATA
SSDs

NVMe



READY TO BUY?
1-800-371-1212

Selection Summary		Configured Price: \$64,139.00	
U.2/U.3 NVMe Drive	Barebone	AMD EPYC™ 7002 Series - 4U GPU Server - 2x Hot-Swap 2.5" SATA/SAS3 - 4x U.2 NVMe - 2000W 2+2 Redundant Power	
	Processor	2 x AMD EPYC™ 7513 Processor 32-core 2.60GHz 128MB Cache (200W)	
	Memory	32 x 32GB PC4-25600 3200MHz DDR4 ECC RDIMM	
	GPU Accelerator	1.0TB Intel® SSD DC P4510 Series U.2 PCIe 3.1 x4 NVMe Solid State Drive	
	Network Card	8 x NVIDIA® A40 GPU Computing Accelerator - 48GB GDDR6 - PCIe 4.0 x16 - Passive Cooling	
	Network Card	Intel® 10-Gigabit Ethernet Network Adapter X710-T2L - PCIe 3.0 x8 - 2x RJ45	
	Network Card	Intel® 10-Gigabit Ethernet Converged Network Adapter X710-DA2 - PCIe 3.0 x8 - 2x SFP+	
	Server Management	Thinkmate® Update Manager (OOB Management Package)	
	Operating System	No Operating System	
	Warranty	Thinkmate® 3 Year Advanced Parts Replacement Warranty (Zone 0)	
Tech Specs			
Barebone	Memory Technology	DDR4 ECC Reg	
	Chipset	System on Chip	
	Form Factor	4U	
	Color	Black	
	Memory Slots	32x 288-pin DIMM Sockets	
	Graphics	ASPEED AST2500 BMC	
	Ethernet	Provided via riser card	
	Power	2000W (2+2) Redundant Power Supplies Full redundancy based on configuration and application load)	
	External Bays	Up to 24x 2.5" SAS/SATA/NVMe drive bays	
	Expansion Slots	10 PCIe 4.0 x16 (FH, FL) slots 1 PCIe 4.0 x8 (FH, FL) slot	
Dimensions (WxHxD)	17.2" (437mm) x 7.0" (178mm) x 29" (737mm)		
Processor	Product Line	EPYC 7003	
	Socket	SP3	
	Clock Speed	2.60 GHz	
	Cores/Threads	32C / 64T	
AMD Boost Technology	Yes	Yes	
	Wattage	200W	
Memory	Technology	DDR4	
	Type	288-pin DIMM	
	Capacity	32 x 32 GB	
	Speed	3200 MHz	
Error Checking	ECC	ECC	
	Signal Processing	Registered	
U.2/U.3 NVMe Drive			

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Storage Capacity	1.0TB		
	Interface		
	PCIe 3.1 x4 NVMe		
	Read IOPS		
	465,000 IOPS		
Write IOPS	70,000 IOPS		
	Read Speed		
	2850 MB/s		
Write Speed	1100 MB/s		
	NAND		
	64-Layer 3D TLC NAND		
GPU Accelerator	Streaming Processor Cores		
	10752 CUDA Cores		
	Max Memory Size		
Network Card	48 GB GDDR6 with error-correcting code (ECC)		
	Max Memory Bandwidth		
	696 GB/s		
Speed	10Gb Ethernet		
	10Gb Ethernet		
Connector	RJ45		
	SFP+		
Interface	PCI Express 3.0 x8		
	PCI Express 3.0 x8		
Cable Medium	Copper		
	Copper		
VT for Connectivity (VT-c)	Yes		
	VT for Directed I/O (VT-d)		
	Yes		

Quotation Date: October 9th, 2021, 12:22 PM EDT. All prices subject to change.

Configured Price: \$64,139.00

CONFIGURATION ID
533089

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.