GPX QT24-24E2-8GPU

My System October 9th, 8:34 am EDT

Thinkmate Config ID 533089

GPX
QT24-24E2-8GPU

4U DDR4L SATA 6Gb/s NVMe

Configured Price: **$64,139.00**

Selection Summary

Barebone	AMD EPYC™ 7002 Series - 4U GPU Server - 24x 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 DDR4 ECC RDIMM	
Memory	32 x 32GB PC4-25600 3200MHz DDR4 ECC RDIMM	
U.2/U.3 NVMe Drive	1.0TB Intel® SSD DC P4510 Series U.2 PCIe 3.1 x4 NVMe Solid State Drive	
GPU Accelerator	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	
	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	
	Titanium Level (96%+)	
	Full redundancy based on configuration and application load)	
External Bays	Up to 24x 2.5" SAS/SATA/NVMe drive bays	
Expansion Slots	10 PCI-E 4.0 x16 (FH, FL) slots	
	1 PCI-E 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	
Wattage	200W	

Memory

Technology	DDR4	
Type	288-pin DIMM	
Capacity	32 x 32 GB	
Speed	3200 MHz	
Error Checking	ECC	
Signal Processing	Registered	

U.2/U.3 NVMe Drive

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	48 GB GDDR6 with error-correcting code (ECC)	
Max Memory Bandwidth	696 GB/s	

Network Card

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	
	Yes	

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

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