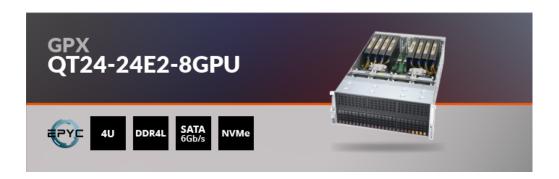
THINKMATE

GPX QT24-24E2-8GPU

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



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 128MB Cache (200W) |
| 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 - PCle 3.0 x8 - 2x RJ45 |
| | Intel® 10-Gigabit Ethernet Converged Network Adapter X710-DA2 - PCle 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 |
| Туре | 288-pin DIMM |
| Capacity | 32 x 32 GB |
| Speed | 3200 MHz |
| Error Checking | ECC |
| Error oncoming | |
| Signal Processing | Registered |

| 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.

Configured Price: **\$64,139.00**

READY TO BUY? **1-800-371-1212**

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.