# THINKMATE

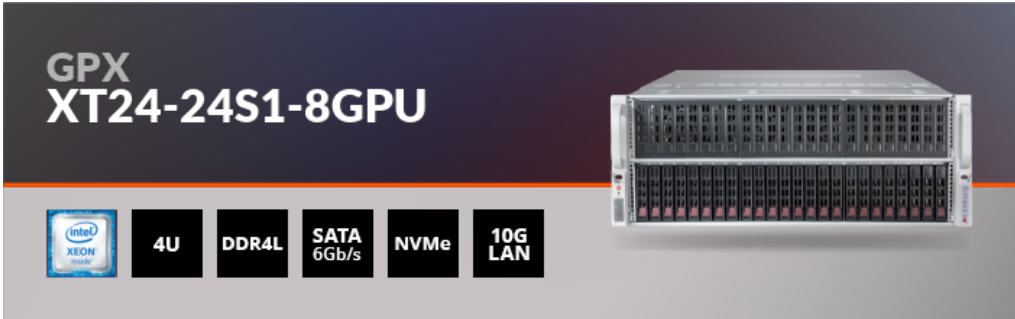# GPX XT24-24S1-8GPU

## My System October 8th, 11:46 pm EDT

## Thinkmate Config ID 533056



Configured Price: **$64,480.00**

## Selection Summary

| | |
|---|---|
| Barebone | Intel® C622 Chipset - 4U GPU Server - 24x SATA - Dual 10-Gigabit Ethernet - 2000W 2+2 Redundant Power Supply |
| Processor | 2 x Intel® Xeon® Platinum 8260 Processor 24-Core 2.4GHz 36MB Cache (165W) |
| Memory | 24 x 32GB PC4-23400 2933MHz DDR4 ECC RDIMM |
| M.2 Drive | 1.0TB Intel® SSD DC P4511 Series M.2 PCIe 3.1 x4 NVMe Solid State Drive |
| Hard Drive | 1.0TB SATA 6.0Gb/s 7200RPM - 2.5" - Seagate Exos 7E2000 Series (512e) |
| Optical Drive | No Optical Drive Support |
| GPU Accelerator | 4 x NVIDIA® A100 GPU Computing Accelerator - 40GB HBM2 - PCIe 4.0 x16 - Passive Cooling |
| Network Card | Intel® 10-Gigabit Ethernet Converged Network Adapter X710-DA4 - PCIe 3.0 x8 - 4x SFP+ |
| Server Management | Thinkmate® Update Manager (OOB Management Package) |
| Operating System | Scientific Linux 7.9 (64-bit) |
| Warranty | Thinkmate® 3 Year Advanced Parts Replacement Warranty (Zone 0) |

## Tech Specs

### Barebone

| | |
|---|---|
| Memory Technology | DDR4 ECC Reg |
| Chipset | Intel C622 |
| Form Factor | 4U |
| Color | Black |
| Memory Slots | 24x 288-pin DIMM Sockets |
| Graphics | ASPEED AST2500 BMC |
| Ethernet | Dual LAN with 10Gbase-T |
| Power | 2000W Redundant Power Supplies with PMBus |
| External Bays | 24 x 2.5" SAS/SATA drive bays |
| M.2 | 2 PCI-E 3.0 NVMe x4 Internal Ports |
| Expansion Slots | 8x PCI-E 3.0 x16 (double-width) slots<br>2x PCI-E 3.0 x8 (in x16) slots<br>1x PCI-E 2.0 x4 (in x16) slot |
| Back Panel | 4x USB 3.0 ports<br>2x RJ45 Gigabit Ethernet LAN ports<br>1x RJ45 Dedicated IPMI LAN port<br>1x VGA Connector |
| Dimensions (WxHxD) | 17.2" (437mm) x 7.0" (178mm) x 29" (737mm) |

### Processor

| | |
|---|---|
| Product Line | Xeon Scalable 2nd Gen |
| Socket | LGA3647 |
| Clock Speed | 2.40 GHz |
| Cores/Threads | 24C / 48T |
| Intel Virtualization Technology | Yes |
| Intel Hyper-Threading | Yes |
| Wattage | 165W |

### Memory

| | |
|---|---|
| Technology | DDR4 |
| Type | 288-pin DIMM |

| | |
|---|---|
| **Capacity** | 24 x 32 GB |
| **Speed** | 2933 MHz |
| **Error Checking** | ECC |
| **Signal Processing** | Registered |

**M.2 Drive**

| | |
|---|---|
| **Storage Capacity** | 1.0TB |
| **Interface** | PCIe 3.1 x4 NVMe |
| **Read IOPS** | 295,000 IOPS |
| **Write IOPS** | 31,000 IOPS |
| **Read Speed** | 1,950 MB/s |
| **Write Speed** | 1,000 MB/s |
| **NAND** | 3D TLC NAND |

**Hard Drive**

| | |
|---|---|
| **Storage Capacity** | 1TB |
| **Interface** | 6.0Gb/s Serial ATA |
| **Rotational Speed** | 7200RPM |
| **Cache** | 128MB |
| **Format** | 512e |

**GPU Accelerator**

| | |
|---|---|
| **Max Memory Size** | 40 GB |
| **Max Memory Bandwidth** | 1,555 GB/s |

**Network Card**

| | |
|---|---|
| **Speed** | 10Gb Ethernet |
| **Connector** | SFP+ |
| **Interface** | PCI Express 3.0 x8 |
| **Cable Medium** | Copper |
| **VT for Directed I/O (VT-d)** | Yes |

Quotation Date: October 9th, 2021, 12:03 AM EDT. All prices subject to change.

Configured Price: **$64,480.00**

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

CONFIGURATION ID
**533056**

# 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.