

PROJECT HIGHLIGHT



► Products Implemented: SYS-4029GP-TRT2



► Products Implemented: SYS-1029GQ-TVRT

GPU FARM in LOCAL UNIVERSITY

- Leveraged 40+ Supermicro GPU servers
- Leveraged 400+ NVIDIA GeForce and Quadro GPU cards
- Theoretical peak performance over 5,000 TFlops (SP)
- Over 1.7M CUDA cores
- 240/110GB GDDR6 memory per node
- NVIDIA GPU Cluster management

BIG DATA, MACHINE LEARNING in LOCAL UNIVERSITY

- GPU-accelerated (V100) computer cluster
- Leveraged 5+ Supermicro Hi-End GPU servers
- Leveraged 20+ NVIDIA TESLA NVLink series
- Theoretical peak performance over 62.8 TFlops (SP) per 1U node
- Up to 300 GB/s GPU-to-GPU NVIDIA® NVLINK™
- Optimized for NVIDIA® GPUDirect™ RDMA



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we'll contact you asap.



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EMBEDDED | DISPLAY | SERVER



Q-RTX WORKSTATION | SERVER

Combined high-end GPUs with
NVIDIA virtual GPU (vGPU)
software to deliver exceptional
compute power.

UNLEASHING THE POWER OF AI WITH OPTIMIZED PLATFORM



Q-RTX WORKSTATION



- ▶ Single XEON CPU
- ▶ Support up to 2x GPUs
- ▶ ATX Cube Case

GPU CARD OPTIONS



Quadro RTX 6000 24GB



Quadro RTX 8000 48GB

ENTRY LEVEL

- ▶ CPU Xeon® W-2123, 8.25M, 3.60 GHz, 4C8T [x1]
- ▶ RAM 32GB DDR4 ECC RDIMM [x4]

MID LEVEL

- ▶ CPU Xeon® W-2235, 8.25M, 3.80 GHz, 6C12T [x1]
- ▶ RAM 32GB DDR4 ECC RDIMM [x8]

HIGH LEVEL

- ▶ CPU Xeon® W-2245, 16.5M, 3.90 GHz, 8C16T [x1]
- ▶ RAM 64GB DDR4 ECC RDIMM [x8]

GPU NVIDIA Quadro RTX GPU card [x2]

SSD 250GB M.2 NVMe [x1] *for OS

HDD 2TB SATA3 7.2k rpm [x1] *for data

PSU 1200W PSU Platinum level (94%) [x1]

* The above components are customizable, please contact us for more detailed information



Data Preparation



Model Training



Data Visualization



Virtual Workstations



AI & Data Science



Rendering

ENTRY LEVEL

- ▶ CPU Bronze 3206R, 11M, 1.90 GHz, 8C8T [x2]
- ▶ RAM 32GB DDR4 ECC RDIMM [x12]

MID LEVEL

- ▶ CPU Silver 4215R, 11M, 3.20 GHz, 8C16T [x2]
- ▶ RAM 32GB DDR4 ECC RDIMM [x16]

HIGH LEVEL

- ▶ CPU Gold 6226R, 22M, 2.90 GHz, 16C32T [x2]
- ▶ RAM 64GB DDR4 ECC RDIMM [x16]

GPU NVIDIA Quadro RTX GPU card [x4]

SSD 250GB M.2 NVMe [x1] *for OS

HDD 10TB SATA3 7.2k rpm [x2] *for data

PSU 2200W Redundant PSU Titanium level (96%) [x1]

* The above components are customizable, please contact us for more detailed information

- ▶ Dual XEON CPU
- ▶ Support up to 4x GPUs
- ▶ 4U Rackmountable / Tower

GPU CARD OPTIONS



Quadro RTX 6000 24GB



Quadro RTX 8000 48GB



GPU SuperWorkstation
7049GP-TRT