

Supermicro GPU Workstation 7048GR-TR



Highlights

High performance GPU workstation for AI, deep learning training, and big data analytics.

Reduce cost and time spending with our global partner model based on your specific requirements. Let Blue Line take responsibility for delivery on time. Blue Line's ultimate goal is to help our customers get peace of mind by handling all relevant details such as securing the right configuration, software setup, mounting, packaging, labeling etc. Ask for references from your industry.

- Workstation tower
- Option for 4U rack mount kit
- 2 x Intel Xeon E5-2600 v4 Series
- Up to 4 double-width GPUs
- Dual 1GbE
- Build-to-order configured to the requirements



BLUE LINE
IT for Demanding Environments

- has more than 30 years experience
- delivers reliable IT solutions for demanding environments
- builds compact and high performance solutions
- focuses on long duration, 24/7-operation, and ruggedness
- is ISO 9001:2015-certified
- is known for providing the best assistance and services in all phases.

Supermicro GPU Workstation 7048GR-TR

Specifications

Model Type

GPU workstation

Form Factor

Tower (option for 4U rackmount)

Cooling

4 x Middle cooling fans 92 x 38mm 4pin PWM
2 x Rear exhaust fans
2 x Active heatsink (with optimal fan speed control)
Option for 2 x Rear fans (required for passive GPUs)

Environment

Operating temperature 10°C to 35°C
Non-operating temperature -40°C to 70°C
Operating humidity 8% to 90%
Non-operating humidity 5% to 95%

Certification

UL / cUL / CB / BSMI / CE / CCC

Processor

CPU Intel® Xeon E5-2600 v4 / v3 family (up to 160W TDP) dual socket R3
Cores / cache Up to 22 cores / up to 55MB cache
System bus QPI up to 9.6GT/s

Chipset

Intel® C612

RAM

RDIMM 4GB / 8GB / 16GB / 32GB / 64GB
LRDIMM 32GB / 64GB
3DS LRDIMM 128GB

Storage

8 x Hot-swap 3.5" SAS / SATA drive trays
3 x 5.25" drive bays in storage module (rotates 90° for rackmount)
1 x 3.5" fixed drive bay

Input / Output

Front 2 x front USB 3.0 Ports
Rear 2 x RJ45 gigabit, 1 x RJ45 dedicated IPMI
HD audio, 1 x VGA port
4 x USB 2.0 ports (2 x rear, 2 x headers)
5 x USB 3.0 ports (2 x rear, 2 x header, 1 x type A)
2 x COM ports (1 x rear, 1 x header)
Internal 10 x SATA3 (6Gbps) ports
Thunderbolt AOC header

Expansion

4 x PCI-E 3.0 x16 (double-width)
2 x PCI-E 3.0 x8 (1 in x16 slot) support
1 x PCI-E 2.0 x4 (in x8)

Operating System

Windows 8.1 / 10
Linux Redhad
Fedora
SuSE
Ubuntu

Power Supply

2000W redundant power supplies with PMBus
Total output power 1000W / 1800W / 1980W / 2000W
Input 100V to 127V AC / 12 to 9.5 A / 50 to 60Hz
200V to 220 V AC / 10 to 9.5 A / 50 to 60Hz
220V to 230V AC / 10 to 9.8 A / 50 to 60Hz
230V to 240V AC / 10 to 9.8 A / 50 to 60Hz
200V to 240V AC / 11.8 to 10 A / 50 to 60Hz (UL/cUL only)
+12V max 83.3A / min 0A (100V to 127V AC)
max 150A / min 0A (200V to 220V AC)
max 165A / min 0A (220V to 230V AC)
max 166.7A / min 0A (230V to 240V AC)
max 166.7A / min 0A (200 to 240V AC) (UL/cUL only)
+5Vsb max 1A / min 0A
Output type 27 pairs gold finger connector



BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com

Supermicro GPU Workstation 7048GR-TR

Dimension and Weight

H 462 x W 178 x D 673mm 20.9kg

Accessories Included

8 x SATA, INT, round, ST, 55cm, 30AWG
2 x CBL, SGPIO, 2x4F to 2x4F, P2.54, round cable, 40cm, 28AWG
2 x AC - DC 2000W, titanium level, redundancy, 1U, PMBus 1.2, +12V / +5Vsb, 360 x 76 x 40mm, HF, RoHS / REACH

Accessories Optional

Rackmount kit

Warranty and After Sales Support

Standard 1 year hardware warranty for barebone
3 year hardware warranty & 1 year cross shipment for complete system CPU / MEM / DISK
Option for 5 year hardware warranty & 1 year cross shipment / 3 year hardware warranty & 3 year cross shipment



BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com