

# Supermicro GPU Workstation 7049GP-TRT

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## 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 2nd generation Xeon Scalable
- Up to 4 double-width GPUs
- Dual 10GbE
- 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.

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## Specifications

### Model Type

GPU workstation

### Form Factor

Tower (option for 4U rackmount)

### Cooling

4 x heavy duty fans  
2 x rear exhaust fans (option for 2 x rear fans, required for passive GPUs)  
2 x active heatsink (with optimal speed control)

### Environment

Operating temperature 10°C to 35°C  
Non-operating temperature -40°C to 60°C  
Operating humidity 8% to 90% (non-condensing)  
Non-operating humidity 5% to 95% (non-condensing)

### Certification

UL / cUL / CB / BSMI / CE / CCC

### Processor

CPU Intel Xeon scalable (cascade lake / skylake)  
dual socket P  
3 UPI up to 10.4GT/s  
Supports CPU TDP 70-205W  
Cores up to 28 cores

### Chipset

Intel C621

### RAM

16 x DIMM slots  
Up to 2TB ECC 3DS LRDIMM, 1TB ECC RDIMM, DDR4 (up to 2666MHz)  
2133 / 2400 / 2666MHz ECC DDR4 SDRAM

### Storage

8 x Hot-swap 3.5" drive bays

### Input / Output

Front 2 x front USB 3.0 ports  
Rear 1 x VGA port  
2 x RJ45 10GBase-T ports, 1 x RJ45 dedicated IPMI  
5 x USB 3.0 ports (2 rear, 2 via header, 1 Type A)  
4 x USB 2.0 ports (2 rear, 2 via headers)  
Internal 10 x SATA3 (6Gbps) ports

### Expansion

6 x PCI-E 3.0 x16 (double-width) slots  
1 x PCI-E 3.0 x4 (in x8 slot)

### Operating System

WHQL  
RHEL / Ubuntu / SUSE  
Citrix

### Power Supply

2200W redundant power supplies with PMBus  
Total output power & input 1200W with input 100V to 127V AC  
1800W with input 200V to 220V AC  
1980W with input 220V to 230V AC  
2090W with input 230V to 240V AC  
2200W with input 220V to 240V AC (for UL/cUL use only)  
2090W with input 230V to 240V DC (for CCC only)  
AC input frequency 50 to 60Hz  
+12V max 100A / min 0A (100V to 127V AC)  
max 150A / min 0A (200V to 220V AC)  
max 165A / min 0A (220V to 230V AC)  
max 174.17A / min 0A (230V to 240V AC)  
max 183.3A / min 0A (220V to 240V AC)  
5VSB max 1A / min 0A  
Output type Backplanes (gold finger)

### Dimension and Weight

H 462 x W 178 x D 673mm 20.9kg

### Accessories Included

2 x MINI SAS-4 SATA, INT, 64 / 54 / 44 / 34cm, 64cm SB, 30AWG  
2 x 1U 2200W redundant, titanium, power supply, 76 x 40 x 336mm



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## Accessories Optional

Optional rackmount kit

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## 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



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