# Supermicro GPU Workstation 7049GP-TRT





Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
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## Highlights

Single CPU Extreme Workstation. High end GPU Workstaton for real-time design, 8K production and Deep Learning. 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.

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• Workstation tower

• Option for 4U rack mount kit

• 1 x Intel Xeon W-3200 Series or Intel 2nd generation Xeon Scalable

• 4 PCI-E 3.0 x16 supports up to 4 dual width GPU

• 8 x Hot-swap 3.5" drive bays

• 2200W Redundant Power Supplies Titanium Level

• Build-to-order configured to the requirements

## 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


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## Processor

| | |
|---|---|
| CPU | Intel Xeon scalable (cascade lake / skylake) dual socket P<br>3 UPI up to 10.4GT/s)<br>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" SAS3/SATA3 drive bays (SATA3 default)

## Input / Output

| | |
|---|---|
| Front | 2 x front USB 3.0 ports<br>1 x VGA port |
| Rear | 2 x RJ45 10GBase-T ports, 1 x RJ45 dedicated IPMI<br>5 x USB 3.0 ports (2 rear, 2 via header, 1 Type A)<br>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


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WHQL
RHEL / Ubuntu / SUSE
Citrix

## Power Supply

| | |
|---|---|
| Total output power and input | 2200W redundant power supplies with PMBus<br>1200W with input 100V to 127V AC<br>1800W with input 200V to 220V AC<br>1980W with input 220V to 230V AC<br>2090W with input 230V to 240V AC<br>2200W with input 220V to 240V AC (for UL/cUL use only)<br>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)<br>max 150A / min 0A (200V to 220V AC)<br>max 165A / min 0A (220V to 230V AC)<br>max 174.17A / min 0A (230V to 240V AC)<br>max 183.3A / min 0A (220V to 240V AC) |
| 5Vsb | max: 1A / Min: 0A |
| Output type | Backplanes (gold finger) |

## Dimension and Weight

| | |
|---|---|
| H 460 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

## Accessories Optional

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



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