

Supermicro GPU Workstation 7049GP-TRT



BLUE LINE
IT for Demanding Environments

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

Single CPU Extreme Workstation. High end GPU Workstation 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 3 UPI up to 10.4GT/s)
Cores	Supports CPU TDP 70-205W 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 1 x VGA port
Rear	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



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WHQL

RHEL / Ubuntu / SUSE

Citrix

Power Supply

	2200W redundant power supplies with PMBus
	1200W with input 100V to 127V AC
	1800W with input 200V to 220V AC
	1980W with input 220V to 230V AC
Total output power and input	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
	max 100A / min 0A (100V to 127V AC)
	max 150A / min 0A (200V to 220V AC)
	max 165A / min 0A (220V to 230V AC)
+12V	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 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



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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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