Supermicro GPU Server 1019GP-TT

Highlights

Entry level AI training server and HPC cluster computer nodes.

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.

- 1U rack mount chassis
- 1 x Intel 2nd gen. Xeon scalable
- Up to 2 double-width GPUs / FPGA
- Dual 10GbE
- Build-to-order configured to the requirements

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Specifications

Model Type

GPU server

Form Factor

1U rackmount

Cooling

8 x Heavy duty counter-rotating 4cm fans (with air shroud & 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)

Processor

CPU	Intel® Xeon scalable (cascade lake / skylake) single socket P supports CPU TDP 70 to 205W
Cores	up to 28 cores

Chipset

Intel® C621

RAM

Memory capacity	6 x DIMM slots up to 1.5TB 3DS ECC DDR4-2933MHz RDIMM / LRDIMM supports Intel optane DCPMM
Memory type	2933 / 2666 / 2400 / 2133MHz ECC DDR4 RDIMM / LRDIMM

Storage

6 x Hot-swap 2.5" SAS/SATA drive bays

Input / Output

Rear	2 x RJ45 10GBase-T, 1 x RJ45 dedicated IPMI
	2 x USB 3.0, 2 x USB 2.0
	1 x VGA, 2 x DOM
Internal	6 x SATA3 (6Gbps) ports
	1 x COM

Expansion

1 x PCI-E 3.0 x16 slot (center right)

1 x PCI-E 3.0 x16 slot (right riser)

1 x PCI-E 3.0 x16 slot (left riser)

Operating System

WHQL

RHEL / Ubuntu / SUSE

Citrix

Power Supply

	1400W high-efficiency AC power supply with digital switching control & PMBus 1.2
AC voltage	1200W 100V to 140V / 14.7 to 10.5A / 50 to 60Hz
	1400W 180V to 240V / 10.5 to 8.0A / 50 to 60Hz
+5V standby	6 Amp
+12V	100 Amp / 115V AC
	117 Amp / 230V AC
+5V with power distibutor	14 Amp

Dimension and Weight

H 43 x W 437 x D 724mm	12.7kg

Accessories Included

4 x SATA, INT, round, ST, 55cm, 30AWG

2 x CBL, SGPIO, 2x4F to 2x4F, P2.54, round, 61.5cm, 28AWG

1 x PCIe 8pin male (black) to CPU 8pin female (white) power adapter, 5cm, 18AWG, 9A/pin, 0°C - 80°C, RoHS / REACH

1 x GPU, 2x4F / CPU to 2x4F / CPU, P4.2, 30cm, 16AWG, 10A/pin, -40°C - 105°C

2 x SATA, INT, round, ST, 70cm, 30AWG

1 x 1400W redundant digital power supply

Warranty and After Sales Support

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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