Supermicro GPU Server 4028GR-TR2/TRT2

Highlights

High performance GPU server 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.

- 4U rack mount chassis
- 2 x Intel Xeon E5-2600 v4 Series
- Up to 10 double-width GPUs
- Single-Root complex
- Dual 1 or 10GbE
- Build-to-order configured to the requirements

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Specifications

Model Type

GPU server

Form Factor

4U rackmount

Cooling

8 x Hot-swap 92mm fans

1 x Air shroud

Processor

CPU	Intel® Xeon E5-2600 v4 / v3 family (up to 160W TDP) dual socket R3 (LGA 2011)
Cores / cache	Up to 22 cores / up to 55MB cache
System Bus	QPI up to 9.6 GT/s

Chipset

Intel® C612

RAM

Memory capacity	24 x 288pin DDR4 DIMM slots up to 3TB ECC 3DS LRDIMM, 1.5TB ECC RDIMM
Memory type	2400 / 2133 / 1866 / 1600MHz ECC DDR4 SDRAM 72bit
DIMM sizes	RDIMM 4GB / 8GB / 16GB / 32GB / 64GB LRDIMM 32GB / 64GB 3DS LRDIMM 128GB
Memory voltage	1.2V
Error detection	corrects single-bit errors

Storage

24 x Hot-swap 2.5" hard drive bays

Input / Output

Rear	4 x USB 3.0 ports , 1 x VGA connector
	2 x RJ45 10GBase-T (TRT2) / 1 x RJ45 gigabit (TR2)
	1 x RJ45 dedicated IPMI
Internal	10 x SATA3 (6Gbps) ports
	1 x serial header

Expansion

11 x PCI-E 3.0 x16 (FH, FL) slots

1 x PCI-E 3.0 x8 (in x16) slots

Single root complex

Operating System

Windows 7 / 8.1 / 10

Linux Redhad

Fedora

SuSE

Ubuntu

Power Supply

	2000W redundant power supplies with PMBus
AC input	100V to 120V AC / 12.5 to 9.5A / 50 to 60Hz 200V to 220V AC / 10 to 9.5A / 50 to 60Hz 220V to 230V AC / 10 to 9.8A / 50 to 60Hz 230V to 240V AC / 10 to 9.8A / 50 to 60Hz 200V to 240V AC / 11.8 to 9.8A / 50 to 60Hz (UL/cUL only)
+12V	max 83.3A / min 0A (100V to 120V 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 (200V to 240V AC) (UL/cUL only)
12Vsb	max 2.1A / min 0A
Output Type	25 pairs gold finger connector

Dimension and Weight

H 437 x W 178 x D 737mm	36.2kg

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