

Supermicro GPU Server 4028GR-TR2/TRT2



Highlights

High performance GPU server for AI, deep learning training, and big data analytics

- 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



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 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

