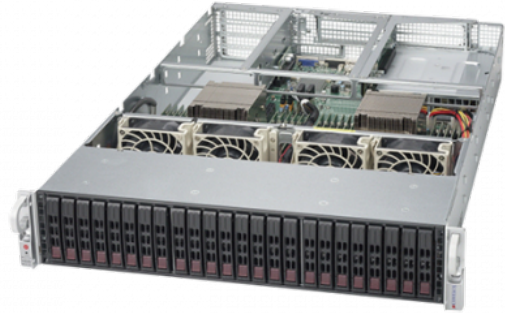


Supermicro Server 2028U-TR4T+



Highlights

Ultra-high performance server for virtualization, cloud computing, and data center

- 2U rack mount chassis
- 10 x 2.5" drive bays for NVMe
- 2 x Intel Xeon E5-2600 v4 Series
- Dual 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.

Supermicro Server 2028U-TR4T+

Specifications

Model Type

Server

Form Factor

2U rackmount

Cooling

4 x 8cm heavy duty PWM fans

Environment

Operating temperature 5°C to 40°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

Processor

CPU Intel® Xeon E5-2600 v4 / v3 family (max 160W TPD) dual socket R3

Cores / cache up to 22 cores / up to 55MB cache

System bus QPI up to 9.6GT/s

Chipset

Intel® C612

RAM

Memory capacity 24 x 288pin DDR4 DIMM, up to 3TB ECC 3DS LRDIMM, 1.5TB ECC RDIMM/LRDIMM

Memory type 2400 / 2133 / 1866 / 1600MHz ECC DDR4 SDRAM 72bit, 2666 / 2400 ECC DDR4 NVDIMM

DIMM sizes RDIMM 4GB / 8GB / 16GB / 32GB
LRDIMM 32GB / 64GB
3DS LRDIMM 128GB
NVDIMM 16GB

Memory voltage 1.2V

Error detection corrects single-bit errors

Storage

24 x Hot-swap 2.5" drive bays 10 x SATA3 ports

Option for drive supports: 24 SAS3

Input / Output

Rear 4 x RJ45 10GBase-T, 1 x RJ45 dedicated IPMI
1 x VGA connector

5 x USB 3.0 (2 x rear, 2 x onboard header, 1 x type A)

Internal 10 x SATA3 (6Gbps) ports

24 x SAS3 ports (supported via optional add-on cards)

1 x serial header

Expansion

1 x PCI-E 3.0 x16 slot, FH 10.5" L

6 x PCI-E x8 slots (4 x FH, 10.5" L / 1 x LP / 1 x internal LP)

Operating System

WHQL

RHEL / Ubuntu / SUSE

VMware

Citrix

Power Supply

1000W redundant power supplies with PMBus

Total output power 800W/1000W

Input 100V to 127V AC / 9.8 to 7A / 50 to 60Hz
200V to 240V AC / 7 to 5A / 50 to 60Hz
200V to 240V DC / 7 to 5A (for CCC only)

+12V max 66.7A / min 0A (100V to 127V AC)
max 83A / min 0A (200V to 240V AC)
max 83A / min 0A (200V to 240V DC)

12Vsb max 2.1A / min 0A

Output type 25 pairs gold fingers connector

Dimension and Weight

H 89 x W 437 x 705.3mm 16.4kg

Accessories Included



Supermicro Server 2028U-TR4T+

Air shroud

Manual

3 x 8pin female cable to 2 x big 4pin female power (65 / 70CM, 18AWG, RoHS/REACH)

1 x Mini SAS HD4 SATA, 6G,INT, RF, cross over (75CM SB, 30AWG)

2 x Mini SAS HD(ST) / mini SAS(RA-RS EXIT) 6G, INT, 55CM, SB, 30AWG

2 x 1U 1000W redundant power supply (73.5mm width titanium level, RoHS/REACH)

2 x Mounting rails (1 x inner/outer rail set, quick-release type, 26.5" to 36.4", 1 x threaded rail adapter default for round hole rack)

Accessories Optional

Mounting rails (inner/outer rail set, quick-release type, 26.5" to 36.4" / threaded rail adapter default for round hole rack)

2U rear drive kit (rear 2 x 2.5" HDDs riser bracket kit for SC829U/219U, tool-less)

2U supermicro cable management arm 2nd gen (compatible for racks that are 42" in depth)

Network card (standard LP, 2 to 4 x GbE RJ45, PCI-E x4, Intel i350 / standard LP, 1 to 2 x 10GbE SFP+, PCI-E x8, Intel 82599EN / standard LP, 4 x 10GbE SFP+, PCI-E x8, broadcom BCM57840S / standard LP, 2 x 10GbE RJ45, PCI-E x8, Intel X540 / standard LP, 2 x 10GbE CX4, PCI-E x8, Intel 82598EB / standard LP 2port 40GbE controller, based on Intel Fortville XL710 / AOC compatibility matrix)

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

