Supermicro Storage Server 2029P-E1CR24H/L



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

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- 4U rack mount chassis
- Dual AMD EPYC 7002 Series Processors
- Up to 10 double-width GPUs
- Direct connect for maximum performance
- Build-to-order configured to the requirements

Specifications

Model Type

Storage server

Form Factor

2U rackmount

Cooling

3 x Hot-swap 8cm redundant PWM cooling fans

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

Processor

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CPU	2. gen Intel® Xeon scalable (cascade lake / skylake) dual socket P 3 UPI up to 10.4GT/s supports CPU TDP 70 to 205W
Cores/cache	Up to 22 cores / up to 55MB cache

Chipset

Intel® C622

RAM

Memory capacity	16 x DIMM slots up to 4TB ECC 3DS DDR4-2933MHz RDIMM / LRDIMM
Memory type	2133 / 2400 / 2666 / 2933MHz ECC DDR4 RDIMM / LRDIMM

Storage

24 x Hot-swap 2.5" SAS3 / SATA3 drive bays
2 x Hot-swap 2.5" SATA3 drive bays (rear)
Option for 2 x onboard NVMe M.2

Input / Output

Rear	2 x RJ45 10GBase-T, 1 x RJ45 dedicated IPMI 1 x VGA 4 x USB 3.0
Internal	1 x fast UART 16550 port 1 x USB type A

Expansion

3 x PCI-E 3.0 x16 slot

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4 x PCI-E 3.0 x8 slots

Slot 2 & 3 occupied by controller and JBOD expansion port

Operating System

WHQL

RHEL / Ubuntu / SUSE

Power Supply

Total output power	1200W redundant power supplies with PMBus 1000W / 1200W
Input	100V to 127V AC / 15 to 12A / 50 to 60Hz 200V to 240V AC / 8.5 to 7A / 50 to 60Hz 200V to 240V DC / 8.5 to 7A (for CCC only)
+12V	max 83A / min 0A (100V to 127V AC) max 100A / min 0A (200V to 240V AC) max 100A / min 0A (200V to 240V DC)
12Vsb	max 4A / min 0A
Output type	19 pairs gold finger connector

Dimension and Weight

H 240 x W 210 x D 279mm	6.8kg

Accessories Included

1 x Power extension cable, 1 HDD to 2 HDD & 2 FDD, 35 / 25 / 12cm, 22AWG

4 x Mini SAS HD, 12G, INT, 50cm, 30AWG

2 x AC - DC 1200W, titanium level, redundancy, 1U, PMBUS 1.2, +12V / +5Vsb, 360 x 76 x 40mm, HF, RoHS / REACH

24 x Black 3. gen hot-swap 2.5" HDD tray

Accessories Optional

3 x Middle cooling fan 80 x 80 x 38mm, 10.5K RPM for x10 2U ultra & HFT series servers, RoHS / REACH

1 x Supercap module

1 x Mounting PCIe card

1 x HDD Y-split cable

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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