Supermicro Server E300-8D



Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
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Supermicro Server E300-8D







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

Server

Form Factor

Mini-1U

Cooling

Passive CPU heat sink & max 3 x 40mm chassis fans

Environment

Operating temperature	0°C to 40°C
Non-operating temperature	-40°C to 70°C
Operating humidity	8% to 90% (non-condensing)
Non-operating humidity	5% to 95% (non-condensing)

Processor

CPU	Intel® Xeon® D-1518 2.2GHz CPU TDP supports 35W FCBGA 1667
Cores/cache	4 cores / 8 threads / 6MB

Chipset

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System on chip

RAM

Memory capacity	4 x DDR4 DIMM sockets Supports up to 128GB DDR4 ECC RDIMM Supports up to 64GB DDR4 ECC/non-ECC UDIMM
Memory type	1600 / 1866 / 2133MHz ECC DDR4 ECC RDIMM & ECC/non-ECC UDIMM
DIMM sizes	4GB / 8GB / 16GB / 32GB
Memory voltage	1.2V
Error detection	Corrects single-bit errors Detects double-bit errors

Storage

1 x Fixed 2.5" drive bay with bracket (when AOC area is not occupied)

Input / Output

Rear	2 x 10G SFP+ LAN, 6 x 1GbE LAN 1 x dedicated IPMI LAN 2 x USB 3.0, 1 x VGA 2 x super DOM power connectors
Internal	4 x SATA3 (6Gbps) ports 1 x TPM 2.0

Expansion

1 x PCI-E 3.0 x8 slots

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M.2 interface PCI-E 3.0 x4

Form factor MKey 2242 / 2280 / 22110

Supports SATA devices

Mini PCI-E interface PCI-E 2.0 x1

Supports mSATA

Operating System

WHQL

RHEL / Ubuntu / SUSE

Power Supply

DC power adapter

Dimension and Weight

10"	H 240 x W 210 x D 279mm	1.45kg
15"	H 276 x W 381 x D142mm	

Accessories Included

1 x 84W DC power adapter

Accessories Optional

RJ45 serial cable for console

4028mm 13K RPM 4pin PWM fan

120W DC power adapter

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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