

# Supermicro 4U Pedestal Server

- 4U pedestal/rackmount server • Intel<sup>®</sup> Xeon<sup>®</sup> E5-2600 v3 processor
- Up to 1TB DDR4 2133MHz ECC REG memory • 8x 3.5" hot swap SAS/SATA drive bays

Combining performance with the flexibility of a pedestal server, the Supermicro SDR-2P8D-002 4U pedestal/rackmountable server is the perfect solution for IT professionals who require high I/O pass through, high performance and reduced energy in high-density cloud infrastructures, data storage, application and data serving markets. Configured with the Intel<sup>®</sup> Xeon<sup>®</sup> E5-2600 v3 series processor and featuring DDR4 2133MHz ECC REG memory, enterprise-class SAS/SATA hard drives, choice of 1G or 10G NIC ports (on-board) and fixed/redundant power supplies, this latest server provides IT professionals with the reliability, performance and cost savings they expect.



## Features

### Intel<sup>®</sup> Xeon<sup>®</sup> Processors

The latest Intel Xeon E5-2600 v3 processor family delivers a significant increase in workload performance, scalability and reliability needed for an ever-changing server environment.

### DDR4 2133MHz ECC REG Memory

By correcting 99.9% of memory errors that may occur, ECC REG memory ensures data safety and keeps systems running. Additionally, DDR4 memory features up to 50% increase in both bandwidth and power efficiency.

### SAS/SATA Storage

Enterprise SAS/SATA storage provides the high capacities required for storage demanding applications and are designed for 24x7 environments.

## SPECIFICATION HIGHLIGHTS

### Form Factor

4U Pedestal/Rackmount

### Chip Set

Intel C612 Chipset

### Storage

8x 3.5" hot swap SAS/SATA drive bays

### Processor

Intel<sup>®</sup> Xeon<sup>®</sup> E5-2600 v3 series

### Connectivity

Intel i350 or X540 LAN

### Power Supply

920W redundant power supplies

### Memory

Up to 1TB ECC DDR4, up to 2133MHz 16x DIMM sockets

## Contact Information

**Servers Direct** • [www.ServersDirect.com](http://www.ServersDirect.com) • 800-576-7931

**SDR-2P8D-002  
SPECIFICATIONS****Form Factor**

4U chassis support for motherboard size - 13.68" x 13" [34.7cm x 33cm], ATX, E-ATX

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**Processor Support**

Supports dual Intel® Xeon® E5-2600 v3 processors

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**Dimensions**

Width: 7.0" [178 mm]

Height: 17.8" [452 mm]

Depth: 25.5" [648 mm]

Gross weight: 62 lbs. [28 kg]

Available Colors: Black

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**Expansion Slots**

6x PCI expansion slots

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**Drive Bays**

Hot swap: 8x 3.5" Hot-swap SAS/SATA drive bays | SAS or enterprise SATA HDD only recommended

Peripheral Bay(s): 2x 5.25" peripheral drive bay | 1x 5.25" bay that fits 3.5" bay devices

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**SAS/SATA Backplane**

SAS/SATA hard drive backplane with SES2

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**Front Panel**

Buttons: Power On/Off button | System Reset button

LEDs: Power LED | Hard drive activity LED | 2x network activity LEDs | System overheat LED | Power fail LED

Ports: 2x USB ports

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**System Cooling**

Fans: 3x 5000 RPM hot swap PWM cooling fans | 2x 5000 RPM hot swap rear exhaust PWM fans

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**System Monitoring**

Chassis intrusion switch

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**Operating Environment (System)**

Operating temperature range: 5°C to 35°C [41°F to 95°F] | Non-operating temperature range: -40°C to 60°C [-40°F to 140°F] | Operating relative humidity range: 8% to 90% [non-condensing] | Non-operating relative humidity range: 5% to 95% [non-condensing]

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**Power Supply with Power Distributor**

920W high efficiency [94%+] AC-DC redundant power supplies with PMBus and 12C

AC Input: 100-240 V, 50-60 Hz, 11-4-5 Amp

DC Output: 4 Amp @ +5V standby | 75 Amp @ +12V

With Power Distributor: +5V: 30 Amp | +3.3V: 24 Amp | -12V: 0.6 Amp

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**Regulatory (Power Supply)**

Power Supply Safety / EMC: USA - UL listed, FCC | Canada - CUL listed | China - CCC Mark | Europe/CE Mark | EN 60950/IEC 60950-Compliant | Germany - TUV certified