

# ASUS 1U Rackmount Server

- 1U rackmount server • Intel® Xeon® E5-2600 v3 processor
- Up to 1TB DDR4 2133MHz ECC memory • 2x 2.5" hot swap and 1x M.2 SSD hard drive bays

Combining performance with a short-depth design, the ASUS SDR-RS400-E8-PS2 1U rackmount server is the perfect solution for IT professionals who require high efficiency and density for cloud data centers, embedded applications, cache servers, telecom and virtualization environments. Configured with the Intel® Xeon® E5-2600 v3 series processor and featuring scalable DDR4 ECC memory, enterprise-class SSD hard drive bays and fixed power supplies, this latest rackmount server provides IT professionals with the reliability, performance and cost savings they expect.



## Features

### Intel® Xeon® 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 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.

### SSD Storage

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

## SPECIFICATION HIGHLIGHTS

### Form Factor

1U Rackmount

### Connectivity

2 x Intel I210AT +  
1 x Mgmt LAN

### Storage

2x 2.5" hot swap and 1x M.2 SSD  
drive bays

### Processor

Intel® Xeon® E5-2600 v3 series

### Memory

Up to 1TB ECC DDR4, up to  
2133MHz 8x DIMM sockets  
[16 total slots]

### Power Supply

500W fixed power supplies

### Chip Set

Intel C612 Chipset

## Contact Information

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

**SDR-RS400-E8-PS2  
SPECIFICATIONS****Form Factor**

1U rackmount

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**Processor / System Bus**

2x socket R3 [LGA 2011-3]  
Intel® Xeon® E5-2600 v3 product family

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**Dimensions**

Width: 17.08" [383 mm]  
Height: 1.73" [44 mm]  
Depth: 17.48" [444 mm]  
Weight: 26 lbs. [12 kg]

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**Core Logic**

Intel® C612 PCH

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**Memory**

Total Slot: 16 [4-channel per CPU, 8 DIMM per CPU]  
Capacity: Maximum up to 1TB LRDIMM  
Memory Type: DDR4 2133/1866/1600/1333 RDIMM | DDR4 2133/1866/1600/1333 LRDIMM | DDR4 2133/1866/1600/1333  
Memory Size: 32GB, 16GB, 8GB, 4GB RDIMM | 64GB, 32GB LRDIMM

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**Expansion Slots**

2+1  
1xPCI-E x16 [Gen3 x8 Link], FH, HL  
1xPCI-E x8 [Gen3 x8 Link], FH, HL  
1xPCI-E x8 [Gen3 x8 link], OCP Mezzanine\*

\* Support for MCB-10G-25 [Dual Port 10 Gigabit/s Ethernet Card] [optional]

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**Storage**

SATA Controller: Intel C612 | 9xSATA3 6Gb/s ports | 1xM.2 connector | Intel Rapid Storage Technology Enterprise [for Windows only]  
Support software RAID 0, 1, 5, 10

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**HDD Bays**

2x hot swap 2.5" SSD bays

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**Networking**

2x Intel I210AT + 1 x Mgmt LAN

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**Graphics**

Aspeed AST2400 with 32MB VRAM

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**On-Board I/O**

2 x RJ-45 ports | 1 x RJ-45 Mgmt LAN port | 2 x USB 3.0 ports | 1 x VGA port | 1 x PS/2 KB/MS port | 1 x Q-Code/Port 80 LED | 1 x Power switch/LED | 1 x Location LED | 1 x Message LED

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**OS Support**

Windows Server 2012 RS | Windows Server 2012 | Windows Server 2008 R2 | RedHat Enterprise Linux | SuSE Linux Enterprise Server | CentOS | Ubuntu | VMware | Citrix XenServer

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**SDR-RS400-E8-PS2  
SPECIFICATIONS****Management Solution**

ASWM Enterprise  
On-board ASMB8-iKVM for KVM-over-IP

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**Regulatory Compliance**

BSMI, CE, C-Tick, FCC [Class A]

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**Environment**

Operation temperature: 10°C ~ 35°C | Non-operation temperature: -40°C ~ 70°C | Non-operation humidity:  
20% ~ 90% [non-condensing]

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**Power Supply**

Single 500W 80 plus platinum power supply  
Rating: 100-127Vac/200-240Vac, 8A/4A, 50/60Hz, Class I

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