

ASUS SDR-RS300-E8

- 1U rackmount server • Intel[®] Xeon[®] E3-1200 v3 processor
- Up to 32GB DDR3 ECC memory • 4x hot swap 3.5" HDD

With a focus on value, efficiency and optimized design, this high-performance ASUS SDR-RS300-E8 rackmount server is the perfect solution for any office that requires scalable memory or storage capacity. Configured with the Intel[®] Xeon[®] E3-1200 v3 processor and featuring DDR3 ECC memory, enterprise-class SATA hard drives and a redundant or fixed power supply, this latest server delivers quick ROI and increases efficiency, providing IT professionals with the reliability and performance they expect.



Features

Intel[®] Xeon[®] Processors

The Intel Xeon E3-1200 v3 processor delivers the scalable performance, reliability and application optimized solutions needed in today's server environments.

ECC Memory

By correcting 99.9% of memory errors that may occur, ECC memory ensures data safety and keeps systems running.

SATA and SAS Storage

Designed to manage server storage efficiently in 24x7 environments, the SAS and SATA storage options allow you to select high I/O or low-cost capacity.

SPECIFICATION HIGHLIGHTS



Form Factor

1U Rackmount

Processor

Intel Xeon E3-1200 v3

Memory

Up to 32GB ECC DDR3;
1600MHz; 4x DIMM sockets

Chipset

Intel[®] C224 Chipset

Storage

4x hot swap 3.5" HDD bays

Power Supply

2x 450W redundant or
1x 400W fixed

Contact Information

Servers Direct • www.ServersDirect.com • 800-576-7931

SDR-RS300-E8 SPECIFICATIONS**Processor / System Bus**

1 x Socket LGA1150 • Intel Xeon processor E3-1200 v3 product family • 4th Gen Intel Core™ i3 processors
• Intel® Pentium™ processors • Intel® Celeron™ processors

Core Logic Intel® C224 Chipset

Memory Total slots: 4 [2-channel] • Capacity: maximum up to 32GB UDIMM

• Memory type: DDR3 1600/1333 UDIMM* • Memory size: 8GB, 4GB, 2GB UDIMM

Expansion Slots

1 * PCI-Ex16 [Gen3x8 link] [Full-Height/HL] • 1 * PCI-Ex8 [Gen3x4 link] [Full-Height/HL]

1 PIKE Slot for Storage Enhancement*

Storage

SATA controller: Intel® C224 Chipset • 2 x SATA2 3Gb/s ports • 4 x SATA3 6Gb/s ports • Intel® Rapid Storage Technology Enterprise [RSTe] [For Windows Only] • [Support Software RAID 0, 1, 5, 10] • LSI® MegaRAID [For Linux/Windows] • [Support Software RAID 0, 1, 10]

HDD Bays 4 x Hot-swap 3.5" HDD Bays

Auxiliary Storage FDD/CD/DVD 1 * Slim-type Optical Drive Bay

Networking 4 x Intel® I210AT + 1 x Mgmt LAN

Graphic A speed AST2300 with 32MB VRAM

On Board I/O

- 1 x PS/2 KB/MS port • 5 x RJ-45 ports [One for ASMB7-iKVM] [Optional]
- 4 x USB 3.0 ports [Front x 2, Rear x 2] • 2 x USB 2.0 ports [Front x 0, Rear x 2]
- 1 x Internal A Type USB Port • 2 x VGA port [Front x 1, Rear x 1]

OS Support

- Windows® Server 2012 R2 • Windows® Server 2012
- CentOS 5.8/6.3 64-bit • CentOS 5.8/6.2 64-bit • Windows® Server 2008 Enterprise R2 SP1 64-bit
- Windows® Server 2008 Enterprise SP2 64-bit
- Windows® 8 32/64-bit • RedHat® Enterprise Linux AS5.8/6.3 64-bit

Regulatory Compliance BSMI, CCC, CE, C-Tick, FCC [Class A]

Management Solution

Software: ASWM Enterprise • Out of Band Remote Management: Optional ASMB7-iKVM for KVM-over-IP

Dimensions 24 7/32" [615 mm] x 17 31/64" [444 mm] x 1 45/64" [43.4 mm]

Form Factor 1U Weight 35 lbs. [16 Kg]

Weight 35 lbs. [16 Kg]

Power Supply

1+1 Redundant 450W 80PLUS Gold Power Supply • Rating: 100-127Vac/200-240Vac, 8A/4A, 47-63Hz, Class 1
Single 400W 80PLUS Gold Power Supply • Rating: 100-240Vac, 6.3-3A 60-50Hz, Class 1

Environment

Operation temperature: 10°C ~ 40°C / Non operation temperature: -40°C ~ 70°C

- Non operation humidity: 20% ~ 90% [Non condensing]