

ASUS SDR-RS700-E7-RS8

- 1U rackmount server • Intel[®] Xeon[®] E5-2600 v2 processor
- Up to 512GB DDR3 ECC memory • 8x hot swap 2.5" HDD

With a focus on value, efficiency and an optimized design, this high-performance ASUS SDR-RS700-E7-RS8 1U rackmount server is the perfect solution for any office that requires scalable memory or storage capacity. Configured with dual Intel[®] Xeon[®] E5-2600 v2 processors and featuring DDR3 ECC memory, up to eight enterprise-class SATA hard drives and 2+1 expansion slots, this latest server delivers quick ROI and increased power efficiency, providing IT professionals with the reliability and performance they expect.



Features

Intel[®] Xeon[®] Processors

The Intel Xeon E5-2600 v2 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 E5-2600 v2

Memory

Up to 512GB ECC DDR3;
24x DIMM sockets

Chipset

Intel[®] C602-A PCH Chipset

Storage

8x hot swap 2.5" HDD bays

Power Supply

1+1 800W redundant

Contact Information

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

**SDR-RS700-E7-RS8
SPECIFICATIONS****Processor / System Bus**

2 x Socket 2011 • Intel® Xeon® processor E5-2600 product family [150W] • Intel® Xeon® processor E5-2600 v2 product family [150W] • QPI 6.4/7.2/8.0 GT/s

Core Logic

Intel® C602-A PCH Chipset

Memory

- Total slots: 24 [4-channel per CPU, 12 DIMM per CPU]
- Capacity: maximum up to 512GB RDIMM
- Memory type: DDR3 1866/1333/1066 RDIMM with ECC
- Memory size: 32GB, 16GB, 8GB, 4GB, 2GB, 1GB RDIMM

Expansion Slots

2 x PCI-E x16 [Gen3 x 16 Link] [Full-Height/HL] • 1 x PIKE Slot for Storage Enhancement

Storage

SATA controller: Intel® C602-A AHCI • 4 x SATA2 3Gb/s ports • 2 x SATA3 6Gb/s ports • Intel® Rapid Storage Technology Enterprise [RST] [For Windows Only] [Support Software RAID 0, 1, 5, 10]
SATA controller: Intel® C602-A SCU • 4 x SATA2 3Gb/s ports
SAS controller: ASUS PIKE 2008 8-port SAS2 6G RAID card [Optional] • ASUS PIKE 2008/IMR 8-port SAS2 6G RAID card [Optional] • ASUS PIKE 2108-32PD 8-port SAS2 6G RAID card [Optional] • ASUS PIKE 2308 8-port SAS 6G RAID card [Optional]

HDD Bays

8 x Hot-swap 2.5" HDD Bays

Auxiliary Storage FDD/CD/DVD

1 x Slim-type Optical Drive Bay

Networking

1 x Quad Port Intel Ethernet Controller i350-AM4 + 1 x Mgmt LAN

Graphic

A speed AST2300 with 16MB VRAM

On Board I/O

5 x RJ-45 ports [One for ASMB6-iKVM] • 4 x USB 2.0 ports [Front x 2, Rear x 2] • 1 x Internal A Type USB Port • 1 x VGA port • 1 x PS/2 keyboard port • 1 x PS/2 mouse port

OS Support

Windows® Server 2012 R2 • Windows® Server 2012 • Windows® Server 2008 R2 • Windows® Server 2008 Enterprise 32/64-bit • RedHat® Enterprise Linux AS5.6/6.0 32/64-bit • SuSE® Linux Enterprise Server 11.2 32/64-bit • VMWare ESX4.1/ESXi4.1

Management Solution

ASWM Enterprise • On-Board ASMB6-iKVM for KVM-over-IP

Regulatory Compliance

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

Dimensions

27 9/64" [689.5 mm] x 17 31/64" [444 mm] x 1 11/16" [43 mm]

Form Factor

1U

Weight

39 lbs. [18 Kg]

Power Supply

1+1 Redundant 800W 80PLUS Platinum Power Supply

Environment

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

Chassis

ASUS R12D CHASSIS ASSY [13GS1E0AM020-1]