

ASUS SDR-RS700-X7-PS4

- 1U rackmount server • Intel[®] Xeon[®] E5-2600 v2 processor
- Up to 96GB DDR3 ECC memory • 4x hot swap 3.5" HDD

Focusing on efficiency and an optimized design, the space-saving ASUS SDR-RS700-X7-PS4 1U rackmount server is the perfect solution for any office that requires high memory and storage capacity. Configured with the Intel[®] Xeon[®] E5-2600 v2 processor and featuring DDR3 ECC memory, up to four enterprise-class SATA hard drives and 2+1 expansion slots, this latest server delivers quick ROI and increased power efficiency, providing IT professionals in telecom server centers 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 96GB ECC DDR3;
12x DIMM sockets

Chipset

Intel[®] C602-A PCH Chipset

Storage

4x hot swap 3.5" HDD bays

Power Supply

600W fixed power

Contact Information

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

**SDR-RS700-X7-PS4
SPECIFICATIONS****Processor / System Bus**

2 x Socket 2011 • Intel® Xeon® processor E5-2600 product family [115W]
• Intel® Xeon® processor E5-2600 v2 product family [115W] • QPI 6.4/7.2/8.0 GT/s

Core Logic

Intel® C602-A PCH Chipset

Memory

- Total slots: 12 [4-channel per CPU, 8 DIMM for CPU1, 4 DIMM for CPU2]
- Capacity: maximum up to 96GB RDIMM
- Memory type: DDR3 1866/1333/1066
- Memory size: 16GB, 8GB, 4GB, 2GB, 1GB RDIMM

Expansion Slots

1 x PCI-E x16 [Gen3 x 8 Link] [Full-Height/HL] • 1 x PCI-E x8 [Gen3 x 8 Link] [Full-Height/HL]
• 1 x PIKE Slot for Storage Enhancement

Storage

SATA controller: Intel® C602-A • 4 x SATA2 3Gb/s ports • 2 x SATA3 6Gb/s ports • Intel® Rapid Storage Technology [RST] [For Windows Only] [Support Software RAID 0, 1, 5, 10] • LSI® MegaRAID [For Linux/Windows] [Support Software RAID 0, 1, 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

4 x Hot-swap 3.5" HDD Bays

Auxiliary Storage FDD/CD/DVD

1 x Slim-type Optical Drive Bay

Networking

4 x Intel® 82574L + 1 x Mgmt LAN

Graphic

A speed AST2300 with 16MB VRAM

On Board I/O

2 x Serial Port Header • 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 • CentOS 5.6 32/64-bit • Windows® Server 2008 R2
- Windows® Server 2008 R2 Enterprise • 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

On-Board ASMB6-iKVM for KVM-over-IP

Regulatory Compliance

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

Dimensions

27 7/32" [615 mm] x 17 31/64" [444 mm] x 1 45/64" [43.4 mm]

Form Factor

1U

Weight

33 lbs. [15 Kg]

Power Supply

600W 80PLUS Gold Single Power Supply

Environment

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

Chassis

ASUS R10E 1U Rackmount Chassis