



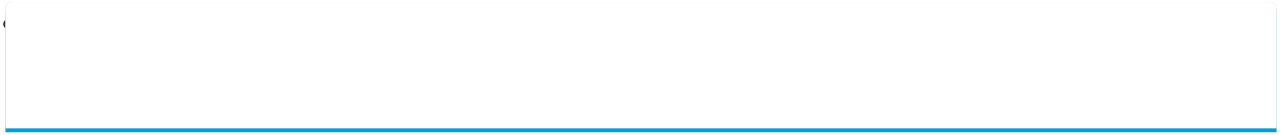


Asus rs160-e5 Configuration Manual



1
2
Table Of Contents
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

18  
19  
20



•

[Table of Contents](#)

•

## Bookmarks

[Download this manual](#)

## Quick Links





# RS160-E5

**ASUS**<sup>®</sup> *Configuration Guide*

## Table of Contents

[Next Page](#)

1  
2  
3  
4  
5

## Related Manuals for Asus rs160-e5

### [Server Asus RS160-E5 - 0 MB RAM Approved Vendor List](#)

Rs160-e5 memory approved vendor list (1 page)

### [Server Asus 1U Rackmount Barebone Server RS160-E3/PS4 User Manual](#)

Asus rs160-e3/ps4 1u rackmount barebone server user guide (140 pages)

### [Server Asus RS160-E2 User Manual](#)

1u rackmount barebone server (132 pages)

### [Server Asus RS160-S5 Approved Vendor List](#)

Rs160-s5 memory approved vendor list (1 page)

### [Server Asus RS161-E5 PA2 Hardware Manual](#)

User manual (1 page)

### [Server Asus RS161-E2 - 0 MB RAM User Manual](#)

1u rackmount barebone server (124 pages)

### [Server Asus TS700-E4 RX8 Datasheet](#)

Ts700-e4/rx8 qualified vendor list (2 pages)

### [Server Asus RS162-E4 RX4 User Manual](#)

1u rackmount barebone server (164 pages)

### [Server Asus RS161-E5 - 0 MB RAM Service Manual](#)

1u rackmount server (124 pages)

### [Server Asus RS160-E4 - 0 MB RAM User Manual](#)

1u rackmount server (144 pages)

### [Server Asus RS161-E4 PA2 User Manual](#)

1u rackmount server (126 pages)

### [Server Asus RS160-E4 PA4 User Manual](#)

1u rackmount barebone server (186 pages)

### [Server Asus DSBF-D16 SAS Hardware Manual](#)

User manual (2 pages)

### [Server Asus DSBV-DX SAS Hardware Manual](#)

User manual (2 pages)

### [Server Asus RS100-E6 PI2 User Manual](#)

1u rackmount server (156 pages)

### [Server ASUS RS100-E7 Configuration Manual](#)

Ultra-quiet rack server (20 pages)

## Summary of Contents for Asus rs160-e5

[Page 1](#) RS160-E5 Configuration Guide...

[Page 2](#) ASUSTeK COMPUTER INC. (“ASUS”). ASUS provides this manual “as is” without warranty of any kind, either express or implied, including but not limited to the implied warranties or conditions of merchantability or fitness for a particular purpose. In no...

[Page 3: Table Of Contents](#)

Upgrading CPU and CPU heatsink .....2-2 Upgrading system memory .....2-3 Upgrading

hard disk drives .....2-4 Installing ASUS PIKE 1064E/1078 RAID module ..... 2-5 Installing  
ASUS RAID card .....2-6 Installing ASUS Server Management Board .....2-7 OS support list  
.....2-9...

## [Page 4: Safety Information](#)

Safety information Electrical Safety • Before installing or removing signal cables, ensure that the power cables for the system unit and all attached devices are unplugged. • To prevent electrical shock hazard, disconnect the power cable from the electrical outlet before relocating the system. •...

[Page 5](#) Chapter 1 This chapter describes the key features of RS160-E5. It includes the product overview and general specifications.

## [Page 6: Chapter 1: Product Introduction](#)

Key features The ASUS RS160-E5 server wins the Best Choice of COMPUTEX TAIPEI 2008 Award among the Green IT products. ASUS PIKE Technology - Flexible Storage Interface Options • Optional PIKE 1064E SAS and PIKE 1078 SAS RAID are Supported •...

## [Page 7: System Overview](#)

1. Central processing unit (CPU) 6. PIKE 1064E/1078 RAID module (optional) 2. CPU heatsink 7. Riser card bracket 3. System memory 8. ASUS RAID card (optional) 4. Hard disk drives ASUS Server management board (optional) 5. HDD trays 10. Rackmount rail kit...

## [Page 8: Front Panel Features](#)

Front panel features Rack screw Rack screw Hot-swap HDD bays USB ports Power Optical drive HDD Access LED button LAN2 LED Power LAN1 LED Message LED Reset button Location LED Location switch Rear panel features Chapter 1: Product introduction...

## [Page 9: System Specifications](#)

1 x PCI-E x8 slot (x8 link) (Half-Height / Expansion Slot Half-Length) Riser Card Option: 1 x PCI-E x16 slot (x16 link) (Full-Height / Half-Length) Power Supply 460W 80 + Single Power Supply Dimension 600mm x 444mm x 43.6mm (1U) \*Specifications are subject to change without notice. ASUS RS160-E5...

[Page 10](#) Chapter 1: Product introduction...

[Page 11](#) Chapter 2 This chapter lists the key components and optional accessories for the server system.

## [Page 12: Chapter 2: Components](#)

Upgrading CPU and CPU heatsink The ASUS RS160-E5 supports 1-2 Dual-core / Quad-core Intel Xeon 5400 / ® ® 5300 / 5200 / 5100 / 5000 series processor. • If you install only one CPU, install the CPU to the CPU2 socket only. The system will...

## [Page 13: Upgrading System Memory](#)

4 GB 4 GB 4 GB 4 GB 4 GB 4 GB Order P/N Description 90-S000I0200T 1GB DDR2 667 ECC REG / ASUS 90-S000I0210T 2GB DDR2 667 ECC REG / ASUS 90-S000I0220T 4GB DDR2 667 ECC REG / ASUS ASUS RS160-E5...

## [Page 14: Upgrading Hard Disk Drives](#)

It is recommended that you install identical drives of the same model and capacity for RAID configuration. Order P/N Description SAS HDD 90-S000H0040 300GB, 3.5" SAS HDD / ASUS 90-S000H0030 146GB, 3.5" SAS HDD / ASUS 90-S000H0020 73GB, 3.5" SAS HDD / ASUS SATAII HDD 90-S000H5500T 1TB, 3.5"...

## [Page 15: Installing Asus Pike 1064E/1078 Raid Module](#)

Installing ASUS PIKE 1064E/1078 RAID module The ASUS PIKE RAID module allows users to create RAID function from SAS hard disk drives connected to the SAS connectors on the motherboard. PIKE 1078 SAS4 SAS3 SAS2 SAS1 SATA4 SATA3 SATA2 SATA1...

## [Page 16: Installing Asus Raid Card](#)

Installing ASUS RAID card The ASUS RAID card allows users to create RAID 0, 1, 5, 6 and 10 from SAS hard disk drives connected to the SAS connectors on the motherboard. Order P/N Description 90-S000R0030T ASUS RAID Card (8708) (Support Hardware RAID 0, 1, 5, 6,...

## [Page 17: Installing Asus Server Management Board](#)

Installing ASUS Server Management Board ASUS Server Management Board is an Intelligent Platform Management Interface (IPMI) 2.0-compliant board that allows users to monitor, control and manage a remote server from the local or central server in local area network (LAN).

[Page 18](#) ASMB3-iKVM • Remote real-time access to servers with full control by keyboard, video monitor and mouse (KVM) of a single local computer from anywhere at any time. In addition, KVM function is based on BIOS-level access, therefore, even the server OS is down, the KVM module can still work to provide around-the-clock remote monitor and diagnosis through GUI (Web-based Graphical User Interface).

## [Page 19: Os Support List](#)

Order P/N Description 90-S00SW7120T OS, Microsoft Windows Server 2003 R2 Standard 1-4 CPU, 5 CAL (32bit) (Traditional Chinese) 90-S00SW7130T OS, Microsoft Windows Small Business Server 2003 R2 STD 1-2 CPU, 5 CAL (32bit) (Chinese) ASUS RS160-E5...

[Page 20](#) 2-10 Chapter 2: Components...