

# ASUS RS724QA-E6/RS12 server barebone (RS724QA-E6/RS12)

RS724QA-E6/RS12, 2x Socket G34 (LGA1944), AMD Opteron 6100/6200 series, AMD SR5670, 16x DIMM Maximum up to 256GB RDIMM/Maximum up to 64GB UDIMM, 1x PCI-E 2.0 x16, 12 x 3.5" HDD Bays, 2x Intel 82574L, Aspeed AST2050 with 8MB VRAM, 2U



#### Price details:

Price excl. VAT: 5,121.80 €

Eco fees: 0.38 €

VAT 21 %: 1,075.66 €

#### Product details:

Product code: RS724QA-E6/RS12

EAN: 0610839388615

Manufacturer: ASUS

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**6,197.84 €**

\* VAT included

#### Extreme Computing Density

The ASUS RS724QA-E6/RS12 supports 96 cores in the 2U chassis and 16 DIMM slots up to 256GB memory capacity per node, delivering outstanding performance and extreme computing density. The server has four nodes in the 2U space, with 96 computing cores and 64 DIMM slots in total. It is also ready for the next generation 16/12/8 core AMD CPU.

#### Intelligent Power Management

Built with 1600W 80Plus (Gold Level) redundant power supply, the RS724QA-E6/RS12 enables 88% power efficiency for AC-DC conversion and allows auto-switch between 1+1 and 2+0 power supply mode, providing dual 1600W power supply in 1+1 mode to the maximum for enterprise applications, or one 3200W power supply in 2+0 mode to the maximum for HPC. In addition, the load balancing function allows two power supplies to undertake the work loading.

#### High Speed Interconnection for HPC Applications

Built with onboard Infiniband QDR (40Gb/s) with QFSP port, the RS724QA-E6/RS12 is highly available for HPC applications with high transfer rate and low latency.

#### Easy Maintenance with Considerate Mechanism

The RS724QA-E6/RS12 provides several considerate designs for easy maintenance: hot swappable HDD, fans and power supply, even hot pluggable node for convenient online service and replacement; and there is individual front panel for each node for separate operations.

#### SAS 2.0 (6G) Storage Technology Supported (Optional)

The RS724QA-E6/RS12 supports optional ASUS PIKE upgrade kit, with only a PIKE riser card and a PIKE card, the server is upgraded from SATA storage to SAS storage. It's so easy and cost-effective!

#### Real-Time Server Remote Management

Optional Web GUI ASMB4-iKVM upgrade kit enables full control to server with function keys and remote server screen. Meanwhile, ASWM software provides easy deployment and management with user-friendly interface and delivers centralized management, asset management, notification mechanism and integrated BMC BIOS update.

#### ASWM Enterprise Supported

In order to provide easy deployment and management for customers, the RS724QA-E6/RS12 is bundled with ASUS exclusive ASWM enterprise management software. Now you can have an effective tool with user-friendly interface to control the servers remotely.

#### Main specifications:

##### Processor

|                                       |   |
|---------------------------------------|---|
| Motherboard chipset:                  | AMD SR5670  |
| Processor socket:                     | Socket G34  |
| Number of processors supported:       | 2   |
| Processor family:                     | AMD   |
| Compatible processor series:          | Opteron   |
| AMD Opteron series:                   | 6100,6200   |
| <b>Memory</b>                         |   |
| Number of DIMM slots:                 | 16  |
| Supported memory types:               | DDR3-SDRAM  |
| ECC:                                  | Y   |
| Maximum internal memory:              | 256 GB  |
| Maximum RDIMM memory:                 | 256 GB  |
| Maximum UDIMM memory:                 | 64 GB   |
| Supported DIMM module capacities:     | 16GB,1GB,2GB,4GB,8GB  |
| <b>Storage</b>                        |   |
| Number of hard drives supported:      | 12  |
| Hot-swap hard drive bays:             | Y   |
| RAID levels:                          | 0,1,5   |
| Supported hard disk drive sizes:      | 3.5 "   |
| Supported storage drive interfaces:   | Serial ATA II   |
| <b>Networking</b>                     |   |
| LAN controller:                       | Intel 82574L  |
| Networking features:                  | Gigabit Ethernet  |
| Ethernet LAN data rates:              | 10,100,1000 Mbit/s  |
| Ethernet LAN:                         | Y   |
| <b>Ports &amp; interfaces</b>         |   |
| USB 2.0 ports quantity:               | 3   |
| Ethernet LAN (RJ-45) ports:           | 3   |
| Serial ports quantity:                | 1   |
| VGA (D-Sub) ports quantity:           | 1   |
| <b>Expansion slots</b>                |   |
| PCI slots:                            | 1   |
| PCI Express slots version:            | 2.0   |
| <b>Graphics</b>                       |   |
| Maximum graphics adapter memory:      | 8 MB  |
| <b>Design</b>                         |   |
| Form factor:                          | 2U  |
| <b>Performance</b>                    |   |
| Compatible operating systems:         | Windows Server 2008 R2, Windows Server 2008 Enterprise 32/64-bit, Windows Server 2003 R2 Enterprise 32/64-bit, RedHat Enterprise Linux AS5.0 32/64-bit, RedHat Enterprise Linux AS5.5 32/64-bitSuSE Linux Enterprise Server 10 32/64-bit, SuSE Linux Enterprise Server 11 32/64-bit |
| <b>Power</b>                          |   |
| Power supply:                         | 1620 W  |
| Redundant power supply (RPS) support: | Y   |
| AC input voltage:                     | 100 - 240 V   |
| AC input frequency:                   | 50/60 Hz  |
| <b>Operational conditions</b>         |   |
| Operating temperature (T-T):          | 10 - 35 °C  |
| Storage temperature (T-T):            | -40 - 70 °C   |
| Storage relative humidity (H-H):      | 20 - 90 %   |
| <b>Weight &amp; dimensions</b>        |   |
| Width:                                | 444 mm  |
| Depth:                                | 750 mm  |
| Height:                               | 87 mm   |
| Weight:                               | 30000 g   |
| <b>Other features</b>                 |   |
| Graphics adapter:                     | AST2050   |
| Graphics adapter family:              | Aspeed  |

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