

ASUS RS700-E7/RS4-C server barebone (RS700-E7/RS4-C)

RS700-E7/RS4-C, 2x Socket 2011, Intel Xeon processor E5-2600, QPI 6.4 / 7.2 / 8.0 GT/s, Intel C602-A, 4x 3.5" Hot-Swap HDD Bays, 24x DIMM DDR3, Maximum up to 192GB RDIMM, 2x PCI-E x16, Aspeed AST2300 with 32MB VRAM, 1U



Price details:

Price excl. VAT: 925.32 €

Eco fees: 0.37 €

VAT 21 %: 194.39 €

Product details:

Product code: RS700-E7/RS4-C

EAN: 4716659249054

Manufacturer: ASUS

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1,120.08 €

* VAT included

Front Parallel CPU Design features better cooling

The ASUS RS700-E7/RS4-C is designed with front parallel CPU and memory placement, which helps air vent smoothly while reducing power consumption. Shock absorbing mechanisms provide a foundation of reliability, and improve hard drive performance with the proprietary ASUS Shock Mount.

2+1 Expansion Slots

There are three expansion slots on the RS700-E7/RS4-C, including two PCI Express 3.0 x16 slots and one slot for ASUS PIKE SAS RAID upgrade kits, providing high scalability in a compact 1U chassis.

Designed for Virtualization Applications

With 24 DIMM slots, the RS700-E7/RS4-C supports up to 192GB memory (R-DIMM), which is crucial for virtualization and scalability. On the other hand, quad LAN teaming ports offer high networking bandwidth with load balance and fault tolerance functions.

Massive Storage Capacity

Four hot-swappable 3.5" SATA 6Gb/s or SAS 6Gb/s hard drives provide large storage capacity with high availability and easy maintenance.

Up to 94% Power Efficiency

Outfitted with two 550W 80Plus Gold power supplies, the RS700-E7/RS4-C provides up to 92% power efficiency for HPC applications. The hot-swap design allows the server to keep working even if one power supply requires service.

Comprehensive Storage - RAID

The RS700-E7/RS4-C supports optional ASUS RAID PIKE upgrade kits. With just a PIKE riser card and a PIKE card, users can upgrade the server from SATA to SAS storage by re-connecting the cable from the onboard SATA to the PIKE riser card's SAS port.

Complete Remote Server Management

With default web GUI-based ASMB6-iKVM module, users gain full control of the server with out-of-band management (IPMI 2.0 standard) and 24/7 real-time remote monitoring. Meanwhile, ASWM Enterprise software provides one-to-multiple centralized management, including BIOS flash, remote control, power control, and asset management through a user-friendly interface.

Main specifications:

Processor

Motherboard chipset:

Intel C602

Processor socket:	LGA 2011 (Socket R)
Number of processors supported:	2
Processor family:	Intel
Compatible processor series:	Xeon
Intel Xeon series:	E5-2600
Memory	
Number of DIMM slots:	24
Supported memory types:	DDR3-SDRAM
ECC:	Y
Maximum internal memory:	192 GB
Maximum RDIMM memory:	192 GB
Maximum UDIMM memory:	192 GB
Supported RDIMM clock speeds:	800,1066,1333,1600 MHz
Supported UDIMM clock speeds:	1066,1333 MHz
Supported DIMM module capacities:	1GB,2GB,4GB,8GB
Storage	
Number of hard drives supported:	4
Hot-swap hard drive bays:	Y
RAID levels:	0,1,5,10
Supported hard disk drive sizes:	3.5 "
Supported storage drive interfaces:	Serial ATA II,Serial ATA III
Networking	
Networking features:	Gigabit Ethernet
Ethernet LAN data rates:	10,100,1000 Mbit/s
Ethernet LAN:	Y
Ports & interfaces	
USB 2.0 ports quantity:	5
Ethernet LAN (RJ-45) ports:	3
PS/2 ports quantity:	2
VGA (D-Sub) ports quantity:	1
Number of SATA connectors:	6
Expansion slots	
PCI Express x16 slots:	2
Graphics	
Maximum graphics adapter memory:	32 MB
Design	
Form factor:	1U
Performance	
Compatible operating systems:	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
Power	
Power supply:	550 W
Redundant power supply (RPS) support:	Y
Operational conditions	
Operating temperature (T-T):	10 - 35 °C
Storage temperature (T-T):	-40 - 70 °C
Storage relative humidity (H-H):	20 - 90 %
Safety:	CE, EN55022
Weight & dimensions	
Width:	444 mm
Depth:	689.5 mm
Height:	43 mm
Weight:	18000 g
Other features	
Graphics adapter:	AST2300
Graphics adapter family:	Aspeed

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