

ASUS RS740-E7-RS24-EG + PIKE 2208 (90SV00XA-M02CE0)

2x Socket 2011, Intel C602-A PCH, 16x DDR3, PCI-E x8/x16, 24x Hot-swap 3.5", 2x Hot-Swap 2.5", 10GbE, Aspeed AST2300 16MB VRAM, USB 2.0, PS/2, SFP+, VGA, COM, 4U + ASUS PIKE 2208 8-port SAS 6G HW RAID card



Price details:

Price excl. VAT: 2,250.66 €

Eco fees: 0.00 €

VAT 21 %: 472.64 €

Product details:

Product code: 90SV00XA-M02CE0

EAN: 4716659605478

Manufacturer: ASUS

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2,723.30 €

* VAT included

Capacity driven storage server

Be ready for the era of "big data"? ASUS, as always, make servers in keeping with the market trend and deliver superior performance. To meet up with the big data demand, the ASUS RS740-E7-RS24-EG supports the latest Intel® Xeon® E5-2600 v2 processor family with advanced computing and up to 24 HDD bays of storage capacity. In matching with its mass storage, it is designed with SFP+ connector onboard providing high bandwidth interconnection. The ASUS RS740-E7-RS24-EG is an ideal choice for customers who desire computing power, data transition speed and mass storage on one product.

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Mass Storage Capacity in a 4U Chassis

The RS740-E7-RS24-EG is built with 24 SAS/SATA 3.5" hard drive bays to support up to 96TB storage capacity. The additional two 2.5" SSD bays on the rear side offer an independent OS space for users' flexibility. Both of front and rear HDD bays are with hot-swappable design and provide non-stop high availability, with easy maintenance and servicing.

5+1 Expansion

The RS740-E7-RS24-EG has high expandability with five expansion slot meeting the demands of future expansion. In addition, a dedicated slot for ASUS PIKE SAS RAID kits is included for HBA and Data Protection.

10Gb/s connectivity with Industry-leading throughput and latency performance

With 10Gb/s Ethernet controller and SFP+ connectors onboard, the RS740-E7-RS24-EG delivers high-bandwidth and industry-leading Ethernet connectivity for performance-driven server and storage applications in IPDC, High-Performance Computing, and Embedded environments.

Best in class power efficiency and stability

The use of 1+1 800W 80 PLUS Platinum power supplies offers high power efficiency. RS740-E7-RS24-EG presents VR power efficiency at CPU full loading. Also both of the power supplies are hot-swappable which can be serviced individually without shutting down the server.

Comprehensive server remote management

Defaulted with web GUI-based ASMB6-iKVM module, users get 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 server management, including BIOS flashing, remote control, power control, and asset management through a user-friendly interface. This gives users a flexible and effective tool to monitor, control and

manage their servers anytime and anywhere.

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
System bus rate:	8 GT/s
System bus type:	QuickPath Interconnect (QPI)

Memory

Number of DIMM slots:	16
Supported memory types:	DDR3-SDRAM
Maximum internal memory:	512 GB
Supported RDIMM clock speeds:	800,1066,1333,1600,1866 MHz
Supported UDIMM clock speeds:	1066,1333,1600,1866 MHz
Supported DIMM module capacities:	2GB,4GB,8GB,16GB,32GB

Storage

Number of hard drives supported:	24
Hot-swap hard drive bays:	Y
Supported hard disk drive sizes:	2.5,3.5 "
Supported storage drive interfaces:	SAS-2,Serial ATA III

Networking

LAN controller:	Intel I210AT
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Ports & interfaces

USB 2.0 ports quantity:	4
Ethernet LAN (RJ-45) ports:	3
PS/2 ports quantity:	2
Serial ports quantity:	1
VGA (D-Sub) ports quantity:	1

Expansion slots

PCI Express x16 slots:	3
PCI Express x8 slots:	2
PCI Express slots version:	2.0,3.0

Graphics

On-board graphics adapter model:	Aspeed AST2300
On-board graphics adapter memory:	16 MB

Design

Form factor:	4U
Colour of product:	Black,Metallic
LED indicators:	Y
Certification:	BSMI, CE, C-Tick, FCC(Class A)

Power

Power supply:	800 W
Number of redundant power supplies installed:	2
Number of redundant power supplies supported:	2
Redundant power supply (RPS) support:	Y
Input current:	9.9 A
AC input voltage:	100-240 V
AC input frequency:	47/63 Hz

Operational conditions

Operating temperature (T-T):	10 - 35 °C
Storage temperature (T-T):	-40 - 70 °C
Operating relative humidity (H-H):	20 - 90 %

Weight & dimensions

Width:	615 mm
Depth:	448 mm

Height:
Weight:

175 mm
25000 g

Packaging content
Bundled software:

ASWM Enterprise

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