

## ASUS RS920-E7/RS8 (90S80A0000U100UET)

RS920-E7/RS8, 4 x Socket 2011 Intel Xeon E5-4600 Series, Intel C602-A, 32 x DIMM DDR3, Aspeed AST2300 16MB VRAM, 8 x Hot-swap 3.5", 2 x SATA III, 4 x SATA II, Quad Port Intel Ethernet Controller i350-AM4 + 1 x Mgmt LAN, 2U



### Price details:

Price excl. VAT: 2,414.51 €

Eco fees: 0.38 €

VAT 21 %: 507.13 €

### Product details:

Product code: 90S80A0000U100UET

EAN: 4716659272861

Manufacturer: ASUS

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**2,922.02 €**

\* VAT included

Quad CPUs and 7 expansions up to 2 GPUs support.

The new ASUS RS920-E7/RS8 server is based the latest Intel® server platform, using 4-way Xeon® Romley-EP 4S processors. Equipped with 32 DIMM slots, eight hot-swap hard drives, 6+1 expansion slots, and 1+1 redundant power supplies, it lays a great foundation for data centers, HPC, and enterprise applications that require outstanding performance, supercomputing capabilities, and high reliability.

Outstanding computing with Quad CPUs and Dual GPUs.

The RS920-E7/RS8 delivers outstanding performance with up to four new Intel® Xeon® E5-4600 processors, which together offer a max 32 computing cores in a 2U system. The 32 DDR3 DIMM slots support up to 1024GB (RDIMM) memory. Furthermore, support for two double-deck graphics cards provides extreme video processing capabilities.

Enhanced reliability, better efficiency, and improved serviceability.

Quad Intel® Gigabit LAN ports optimize load balance and fault tolerance functions, while hot-swap hard drive trays enable easy maintenance and upgrades. In addition, the 1+1 redundant 1620W 80 PLUS Platinum power supplies provide up to 94% power efficiency, by that combining easy maintenance with significant cost savings, making the server both power-saving and easy to maintain.

Exclusive ASUS PIKE upgrade kit.

To improve storage capacity, the RS920-E7/RS8 supports SATA and SAS hard drives to offer users integrated RAID Solution - PIKE for better data protection. The optional ASUS PIKE SAS2 6G upgrade kit provides a cost-effective storage interface upgrade, for more flexible storage options.

Quad LAN with Gigabit high performance.

The quad LAN teaming ports provide high networking bandwidth with load balance and fault tolerance functions, which reduce data processing bottlenecks in virtualization environments by enhancing virtualized traffic.

Integrated server remote management.

With the web GUI-based ASMB6-iKVM module, users can fully control the server with out-of-band management using the IPMI 2.0 standard, achieving 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 supervision, all through a user-friendly interface.

### Main specifications:

#### Processor

Motherboard chipset:

Intel C602

Processor socket:

LGA 2011 (Socket R)

Number of processors supported:

4

Processor family:	Intel
Compatible processor series:	Xeon
Intel Xeon series:	E5-4600
System bus rate:	8 GT/s

#### Memory

Number of DIMM slots:	32
Supported memory types:	DDR3-SDRAM
ECC:	Y
Maximum internal memory:	1024 GB
Maximum RDIMM memory:	1024 GB
Maximum UDIMM memory:	256 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
Memory form factor:	240-pin DIMM

#### Storage

Number of hard drives supported:	8
Hot-swap hard drive bays:	Y
RAID levels:	0,1,5,10
Supported hard disk drive sizes:	3.5 "
Supported storage drive interfaces:	SAS,Serial ATA,Serial ATA II,Serial ATA III

#### Networking

LAN controller:	Intel I350AM4
Networking features:	Quad Gigabit Ethernet
Ethernet LAN data rates:	10,100,1000 Mbit/s
Ethernet LAN:	Y

#### Ports & interfaces

USB 2.0 ports quantity:	6
Ethernet LAN (RJ-45) ports:	4
PS/2 ports quantity:	1
Serial ports quantity:	1
VGA (D-Sub) ports quantity:	1
IPMI LAN (RJ-45) port:	Y
Number of SATA connectors:	6

#### Expansion slots

PCI Express x16 slots:	4
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:	2U
Colour of product:	Black,Metallic
LED indicators:	Y
Redundant fans support:	Y

#### Performance

Intelligent Platform Management Interface (IPMI) support:	
Compatible operating systems:	CentOS 5.6 32/64-bitWindows® Server 2008 R2Windows® Server 2008 R2 EnterpriseWindows® Server 2008 Enterprise 32/64-bitRedHat® Enterprise Linux AS5.6/6.0 32/64-bitSuSE® Linux Enterprise Server 11.2 32/64-bitVMWare ESX4.1/ESXi4.1

#### Power

Power supply:	1620 W
Number of redundant power supplies installed:	2
Number of redundant power supplies supported:	2
Redundant power supply (RPS) support:	Y
Power supply type:	Platinum
Number of main power supplies:	2

#### Operational conditions

Operating temperature (T-T):	-40 - 70 °C
Storage temperature (T-T):	10 - 35 °C

Storage relative humidity (H-H):	20 - 90 %
Safety:	CE, EN55022 EU Directive 89/366/EEC
Electromagnetic emissions:	CE, EN55022 & EN55024

#### Weight & dimensions

Width:	444 mm
Depth:	750 mm
Height:	88 mm
Weight:	20000 g

#### Other features

Number of products included:	1 pc(s)
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