

ASUS RS926-E7/RS8 (90S7ZA0010U200UET)

RS926-E7/RS8, 4x Socket 2011, Intel Xeon processor E5-4600 Series, Intel C602-A, 32x DIMM DDR3, Total 8 x 3.5" HDD Bays, 4x PCI-E x16, 2x PCI-E x8, Aspeed AST2300 with 16MB VRAM, 1x Intel i350-AM4, 2U



Price details:

Price excl. VAT: 2,824.83 €

Eco fees: 0.38 €

VAT 21 %: 593.29 €

Product details:

Product code: 90S7ZA0010U200UET

EAN: 4716659232865

Manufacturer: ASUS

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3,418.50 €

* VAT included

Outstanding computing with Quad CPUs and Dual GPUs

The RS926-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, it supports up-to-date Intel® Xeon Phi 5110P and 3100 series as well as NVIDIA Tesla K10/K20 Family and GRIDTM K2of GPU accelerators.

High speed interconnection for HPC

To meet the demands of data centers and HPC applications, the RS926-E7/RS8 has a QFSP port at the rear panel to deliver high speed 56Gbps interconnection via the built-in InfiniBand FDR chipset.

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 RS926-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
Memory	
Number of DIMM slots:	32
Supported memory types:	DDR3-SDRAM
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:	16GB,1GB,2GB,32GB,4GB,8GB
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 II,Serial ATA III
Networking	
LAN controller:	Intel I350AM4
Networking features:	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:	5
PS/2 ports quantity:	1
Serial ports quantity:	1
VGA (D-Sub) ports quantity:	1
Expansion slots	
PCI Express x16 slots:	4
PCI Express x8 slots:	2
Graphics	
On-board graphics adapter model:	Aspeed AST2300
Maximum graphics adapter memory:	16 MB
Design	
Form factor:	2U
Rack rails:	Y
Performance	
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
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 %
Weight & dimensions	
Width:	444 mm
Depth:	750 mm
Height:	88 mm
Weight:	20000 g

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