ASUS RS300-E8-PS4 (90S98A1010C800UET)

Intel C224, max 32GB UDIMM, 4 x Intel® I210AT + 1 x Mgmt LAN, 1U, 10.2 kg

Price details:
Price excl. VAT: 454.89 €
Eco fees: 0.00 €
VAT 21 %: 95.53 €

Product details:
Product code: 90S98A1010C800UET
EAN: 4716659623014
Manufacturer: ASUS

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550.42 €

* VAT included

The latest Intel® CPUs
The RS300-E8-PS4 is ready for new-generation Intel® Xeon® 22nm processors, which deliver a significant performance improvement over previous-generation processors in virtualization support, integrated security, scalability, and I/O performance. They assure frustration-free smooth operation.

2+1 expandability in UP 1U
The RS300-E8-PS4 ships with 2+1 expansion slots in a 1U system for higher expandability and better data protection. It has one PCI Express 3.0 x16 slot and one PCI Express 3.0 x8 slot to accommodate the power of two dual full-height add-on cards. An extra slot is reserved for optional ASUS PIKE cards for cost effective upgrades to SAS storage and RAID protection.

Better networking with new quad server-grade Intel® I210 Ethernet
Four server-grade Intel® Ethernet ports with the I210 controller double queuing capacity compared to previous-generation Intel® Ethernet 82574L controllers, powering faster data transmission. In addition, quad LAN teaming ports provide high networking bandwidth with load balance and fault tolerance functions, which reduce data processing bottlenecks in virtualization environments by increasing virtualized traffic.

Best-in-class power efficiency and stability
With new ASUS Beat Thermal Choke technology, operating temperatures drop by as much as 5 degrees centigrade, helping ensure the lowest energy loss and up to 91% (VR) efficiency. The RS300-E8-PS4 is able to work stably under high ambient temperature environments of up to a sustained 40 degrees centigrade. It also equips with an 80 PLUS Gold power supply to reduce power loss and power consumption, helping consumers save TCO.

Optimized user experience design
A front VGA port provides greater convenience and flexibility, allowing customers to connect a monitor from the front. There is also an “asset tag" on every RS300-E8-PS4 for better identification within a server cluster. ASUS further furnishes several choices for OS drive placement, such as SSD and SATA DOM cages, plus internal Type A USB.

Comprehensive remote management
ASUS presents the most comprehensive and complete server remote management, including both out of band ASMB7-iKVM and in-band ASWM Enterprise. ASWM Enterprise features “one on many management", saving time and effort. Its intuitive graphical user interface offers quick insight into current server status as well as detailed and easily-accessible asset management for each server.

Main specifications:

Processor

Motherboard chipset:	Intel C224
Processor socket:	LGA 1150 (Socket H3)
Processor family:	Intel
Compatible processor series:	Intel Celeron,Intel Pentium

Memory

Number of DIMM slots:	4
Supported memory types:	DDR3-SDRAM
Maximum internal memory:	32 GB
Maximum UDIMM memory:	32 GB
Supported UDIMM clock speeds:	1333,1600 MHz

Storage

Hot-swap hard drive bays:	Y
Number of storage drives supported:	6
RAID levels:	0,1,5,10
Supported storage drive interfaces:	Serial ATA II,Serial ATA III
Storage drive sizes supported:	3.5 "

Networking

LAN controller:	Intel I210AT

Ports & interfaces

USB 2.0 ports quantity:	2
Ethernet LAN (RJ-45) ports:	5
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	4
PS/2 ports quantity:	1
Serial ports quantity:	1
VGA (D-Sub) ports quantity:	2

Expansion slots

PCI Express x16 slots:	1
PCI Express x8 slots:	1

Design

Form factor:	1U

Power

Power supply:	480 W
AC input voltage:	100-240 V
AC input frequency:	50/60 Hz

Operational conditions

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

Weight & dimensions

Width:	615 mm
Depth:	444 mm
Height:	44 mm