

ASUS ESC4000 (90S6XA1000C100UET)

2 x Socket LGA1366, Intel 5520 IOH + NVIDIA NF200, 18 x DDR3 Max. 192GB RDIMM/Max. 48GB UDIMM, SATA/SAS, 8 x Hot-swap 3.5" HDD, 2 x Intel 82574L + 1 x Mgmt LAN, 2U



Price details:

Price excl. VAT: 2,672.15 €

Eco fees: 0.00 €

VAT 21 %: 561.15 €

Product details:

Product code: 90S6XA1000C100UET

EAN: 4719543381427

Manufacturer: ASUS

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3,233.30 €

* VAT included

First ever high density 2U parallel computing design

Leading advanced system architecture

- Features dual all-new Intel® Xeon® 5600 series processors with Intel® Core microarchitecture for significant performance increases
- Supports 18 DIMM slots and up to 48GB/144GB high scalability memory for intense applications. DDR3 modules deliver higher speeds and more bandwidth with lower power consumption
- Embeds up to four NVIDIA® Tesla M2050/M2070/M2090 GPUs on full PCI-E Gen2 x16 slots with up to 2.66 teraflops, doubling precision performance
- The NVIDIA® Tesla M2090 GPU Computing Module is the world's fastest parallel computing processor for HPC

8+1 flexible expansion

- Eight PCI-E Gen2 x16 slot design supports up to four double-deck GPU computing cards for professional graphics
- Flex-E technology allows automatic switching between one PCI-E x16 and two PCI-E x8 links
- Additional PCI-E riser module compatible with both half-length/low-profile PCI-E cards and ASUS PIKE series cards

Intelligent system fan control

- Three independent smart system fans, two for GPU areas and one for general motherboard cooling
- Adjusts fan speed automatically according to system load to optimize cooling and energy saving

Flexible high storage capacity

- Designed with eight hard drive bays to support SAS or SATA drives
- Optional ASUS PIKE meets the various requirements of RAID functionality

High reliability

- 1600W 80PLUS Platinum power supply delivers reliable and highly efficient power
- Hot-swap hard drive design allows downtime-free drive replacement

Remote control and management

- Bundled ASMB4-iKVM module offers advanced server management
- KVM-over internet provides OS-independent manageability
- Ideal for remote office applications

Main specifications:

Processor

Motherboard chipset:

Intel 5520

Processor socket:

Socket B (LGA 1366)

Number of processors supported:

2

Processor family:	Intel
Compatible processor series:	Xeon
Intel Xeon series:	X5500,X5600
System bus rate:	6.4 GT/s
Motherboard southbridge:	Intel ICH10R
Memory	
Number of DIMM slots:	18
Supported memory types:	DDR3-SDRAM
Maximum internal memory:	192 GB
Maximum UDIMM memory:	48 GB
Supported DIMM module capacities:	16GB,1GB,2GB,4GB,8GB
Storage	
Number of hard drives supported:	8
Hot-swap hard drive bays:	Y
Supported hard disk drive sizes:	3.5 "
Supported storage drive interfaces:	SAS,Serial ATA
Networking	
LAN controller:	Intel 82574L
Ethernet LAN data rates:	10,100,1000 Mbit/s
Ethernet LAN:	Y
Ports & interfaces	
USB 2.0 ports quantity:	4
Ethernet LAN (RJ-45) ports:	3
Serial ports quantity:	1
VGA (D-Sub) ports quantity:	1
Expansion slots	
PCI Express slots version:	1.0,2.0
Graphics	
Maximum graphics adapter memory:	8 MB
Design	
Form factor:	2U
Colour of product:	Black,Silver
Performance	
Compatible operating systems:	Windows Server 2008 R2,Windows Server 2008 Enterprise 32/64-bit,Windows Server 2003 R2 Enterprise 32/64-bit,RedHat Enterprise Linux AS5.5 32/64-bit,SuSE Linux Enterprise Server 11 32/64-bit
Power	
Power supply:	770 W
Redundant power supply (RPS) support:	Y
Number of power supply units:	2
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:	444 mm
Depth:	750 mm
Height:	88 mm
Weight:	18000 g
Other features	
Graphics adapter family:	Aspeed

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