

ASUS ESC500 G3 (90SV00WA-M02CE0)

1 x Socket LGA1150, Intel C226 Chipset, 4xDIMM (up to 32GB), 3 x Internal 3.5" HDD Bays/1 x Internal 2.5" HDD/SSD Bays, 2 x Intel® I210AT



Price details:

Price excl. VAT: 421.60 €

Eco fees: 0.00 €

VAT 21 %: 88.54 €

Product details:

Product code: 90SV00WA-M02CE0

EAN: 4716659545989

Manufacturer: ASUS

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510.14 €

* VAT included

Up-to-date 22nm Processors, Latest Intel® Platform Ready

The ESC500 G3 supports the new socket LGA1150 Intel® Xeon® E3-1200 v3 server processors and 4th generation Intel® Core i3 processors. With 4 DIMM slots and Intel® C226 chipset onboard, it supports up to 32GB of dual-channel DDR3 1600/1333 for high computing capability and the C226 comes with six SATA 6Gb/s ports for faster data retrieval. Also, the support of Windows® 7 Professional and Windows® 8, ESC500 G3 provides users much more friendly environment.

Wide-range NVIDIA® Quadro Series Support

Full compatibility with entry-level, mainstream, and performance-grade professional NVIDIA® Quadro graphics cards provides flexible support for users who demand varying degrees of graphical compute power.

Quiet Working Environment

With intelligent fan control technology, fan speed and power consumption are adjusted automatically by detecting system loading, which minimizes noise to under 26dB(A) which is lower than the noise output of an average projector at 42dB(A) for offering a quieter working environment, as well as lower power bills.

Design to support legacy PCI device applications

Besides the latest PCI-E technology, ESC500 G3 keeps the legacy PCI slots on board which can fulfill various customers' requirements. Customers can move their existing legacy PCI add-on cards to ESC500 G3, and still benefit from up-to-date Intel® 22nm Processor and DDR3 memory technology to their solutions.

Advanced & Complete I/O solutions

ESC500 G3 supports up to 4 USB 3.0 ports. Built to connect easily with next generation components and peripherals, USB 3.0 transfers data 10X faster and is also backward compatible with USB 2.0. Additionally, ESC500 G3 equips 6 native SATA 6Gb/s ports with enhanced scalability, faster data retrieval, and double the bandwidth of SATA 3Gb/s.

Built-in Dual Intel Server-Class Gigabit LAN

For more reliable networking, the ESC500 G3 features the latest server class dual Intel® I210AT Gigabit LAN. This leads to reliable and fast network connections, achieving outstanding performance as well as better support for diverse operating systems.

Energy-Saving and Power Efficient

With 80 PLUS Bronze or Silver power supplies, the ESC500 G3 saves more on TCO for users with lower power loss and higher power efficiency.

Multiple displays - Three Times the work efficiency

Without extra VGA card needed, the ESC500 G3 gives users the ability to multitask on up to the independent displays through DisplayPort, HDMI and DVI-I connectors.

ASUS Dr. Power

ESC500 G3 supports ASUS exclusive Dr. Power feature, which can detect, diagnose, and monitor power supply health. The LED messages clearly indicate any relevant power issues in the event your system fails to boot. Additionally, power supply health auto-detection helps prevent sudden system shutdown and provides warnings should power delivery be insufficient.

USB BIOS Flashback - Simple plug and press hardware-based BIOS updates

Hardware-level USB BIOS Flashback allows users to update to new UEFI BIOS versions even without a CPU or DRAM installed on the motherboard. Just plug in a USB flash drive containing the BIOS file, and press the BIOS Flashback button for 3 seconds with the power supply connected.

Network iControl - Real-time network bandwidth management

With a single-click, important applications get their data and network bandwidth prioritized over other programs. You can prioritize favorite applications easily by configuring profiles through the intuitive user interface. Within profiles, programs can be re-scheduled to run in a specific time to avoid network congestion and long waits on downloads. This is the most intuitive network bandwidth control ever.

Fan Xpert2 - Optimizes the Speed of All Fans for the Ultimate Cool and Quiet

Hardware-level ASUS Fan Xpert 2 provides the most customizable settings for an even cooler and quieter computing environment. Upgraded with Fan Auto Tuning mode, it enables tailored fan speed settings for each CPU and chassis fan with exclusive automatic fan speed detection, which scans through each fan to run at specific settings based on different criteria, achieving the best balance of cooling performance and low noise. Fan Xpert 2 also includes an RPM Fixed Mode for users who wish to reduce noise levels to near 0dB with highly specific fan speed control. It reacts to system loads for greater control.

Main specifications:

Processor

Motherboard chipset:	Intel C226
Processor socket:	LGA 1150 (Socket H3)
Number of processors supported:	1
Processor family:	Intel
Compatible processor series:	Core i3,Xeon
Intel Xeon series:	E3-1200

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
Supported DIMM module capacities:	2GB,4GB,8GB

Storage

Number of hard drives supported:	4
RAID levels:	0,1,5,10
Supported hard disk drive sizes:	2.5,3.5 "
Supported storage drive interfaces:	Serial ATA II,Serial ATA III

Networking

LAN controller:	Intel I210
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Ports & interfaces

USB 2.0 ports quantity:	9
Ethernet LAN (RJ-45) ports:	1
PS/2 ports quantity:	1

Expansion slots

PCI slots:	2
PCI Express x1 slots:	1
PCI Express x16 slots:	4

Design

Colour of product:	Black
Chassis type:	Tower

Power

AC input voltage:	100 - 240 V
AC input frequency:	50 - 60 Hz

Weight & dimensions

Width:	423 mm
Depth:	190 mm
Height:	435 mm

Weight:

10800 g

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