

E500 G5 SFF



Compact Intel® Xeon® E Processors Workstation with up to three displays support



HIGHLIGHTS

- Powerful performance with Intel® Xeon® E2100 family processor and ECC memory
- Supports up to three independent displays simultaneously via HDMI, DisplayPort and VGA
- Improved productivity with ASUS Control Center
- Graphics card support, including NVIDIA® Quadro® and AMD® Radeon™ Pro
- Accelerated data-transfer speeds of up to 32Gbps with M.2
- Convenient I/O design and ultrafast connectivity
- Dual Intel® Gigabit LAN with teaming support
- Independent software vendor (ISV) certification

Powerful performance with Intel Xeon E2100 CPUs and ECC memory

E500 G5 SFF is built on the Intel C246 chipset and comes with a choice of the latest Intel Xeon E or 8th Generation Intel Core™ CPUs. With Intel Xeon, E500 G5 SFF delivers powerful, optimized performance for always-on usage scenarios and supports error-correction code (ECC) memory for automatic detection and repair of single-bit memory errors, reducing the change of system crashes and data corruption to ensure reliable and responsive workstation performance.

Graphics card support

E500 G5 SFF supports NVIDIA Quadro and AMD Radeon™ Pro graphics cards, making it the perfect workstation for content creators, media streamers and professional designers.

Supports up to three independent displays simultaneously

Designers rely on multiple displays for more efficient and comfortable productivity. E500 G5 SFF comes equipped for total display flexibility with support for up to three independent displays via HDMI, DisplayPort, and VGA, perfect for multitasking environments.

Improved productivity with ASUS Control Center

E500G5 SFF features centralized IT-management with ASUS Control Center (ACC), a comprehensive control platform with a user-friendly interface that provides access to all of your workstations from anywhere via your mobile device. It is designed to improve system reliability, facilitate easy updates and provide seamless integration for small to medium-size business and enterprises for increased productivity.

Dual Intel Gigabit LAN with teaming support

For more reliable networking, E500 G5 SFF features Intel Gigabit LAN, ensuring lower CPU utilization and temperatures, outstanding performance and better support for diverse operating systems. The dual Ethernet ports support teaming, which combines the network links to provide higher throughput or redundancy in case of port failure.

Independent software vendor (ISV) certification

Independent software vendor (ISV) software is becoming an important factor to users in variety of industries. ASUS works in close partnership with ISV vendors, such as Adobe and Autodesk, to test and verify compatibility. This ensures ASUS workstations are reliable and highly effective for users in different fields.

SPECIFICATION

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| CPU | 1 x Socket LGA1151 Intel® Xeon® processor E-2100 family Intel® Pentium™ processors Intel® Celeron™ processors Intel® 9 th /8 th Core™ i9/i7/i5/i3 processors |
| Chipset | Intel®C246 Chipset |
| Memory | Total Slots : 4 (2-channel) Capacity : Maximum up to 128GB ECC/non-ECC UDIMM Memory Size : 32GB, 16GB, 8GB, DDR4 2666/2400 |
| Expansion Slots | Total 3 slots: PCIEX1_1: PCI-E x1 slot, x1 Gen3 Link, from PCH PCIEX16_1: PCI-E x16 slot, x16 Gen3 Link PCIEX8_1: PCI-E x8 slot, x4 Gen3 Link, from PCH |
| Storage | SATA Controller : Intel® C246 Chipset 8 x SATA3 6Gb/s ports Intel® Rapid Storage Technology(RST) (For Linux/Windows) (Support Software RAID) Drive bay: 2 x Internal 3.5" HDD Bays (Or switch to 2.5" SSD with cage by requests) M.2: 1 x M.2 (PCIe Gen3 x4 link, NGFF 2280/2260/2242/2230) |
| LAN | 1 x Intel® i210-AT 1 x Intel® i219-LM |
| Audio | Realtek® ALC887 8-Channel High Definition Audio CODEC |
| Power Supply | 300W 80PLUS Single Power Supply (100-240Vac, 6-3A,50/60Hz, Class I) |
| Back Panel I/O Ports | 2 x USB 3.1 Gen2 ports 2 x USB 3.1 Gen1 ports 2 x USB 2.0 ports 1 x HDMI 1 x DisplayPort 1 x VGA 2 x RJ-45 ports 1 x 8-channel Audio I/O ports (5 + 1 Audio jacks) |
| Front I/O Ports | 2 x USB 3.1 Gen1 2 x USB 2.0 1 x Headphone port 1 x Microphone port |
| Dimension | 410mm x 96mm x 330 mm |