



Essential workstation with AMD Ryzen™ 7000 Series processors, 128GB memory, dual LAN, dual M.2, support for up to three display



Powerful performance with Intel® Alder Lake-S processors CPUs and ECC memory

The E500A is constructed on the AMD A620 chipset and offers a selection of the Ryzen™ 7000 Series CPUs. It provides robust, streamlined performance for continuous usage scenarios and is compatible with the latest DDR5 memory.

Graphics card support

E500A supports NVIDIA Quadro RTX graphics cards, making it the perfect workstation for content creators, media streamers and professional designers

LAN support Intel 2.5Gb Ethernet port for faster data-transfer speeds

2.5G on-board Ethernet kicks your Ethernet connection up a notch with an up to a 2.5X bandwidth improvement for a significant speed upgrade over traditional Gigabit LAN connections. Using your existing Ethernet cable, you can take advantage this networking upgrade to experience smoother, lag-free gaming, immediately stream high-resolution videos and enjoy faster file transfers.

Supports up to three independent displays simultaneously

Designers rely on multiple displays for more efficient and comfortable productivity. E500 G9 comes equipped for total display flexibility with support for up to three independent displays via HDMI, DisplayPort, DVI-D and VGA, perfect for multitasking environments.

Dual M.2 for up to 32Gbps performance and data redundancy

E500A features dual M.2 slots to unleash maximum data-transfer performance. Both M.2 slots support up to 2280-length M.2 drives via PCIe Gen4 x4 for ultrafast data access.

Improved productivity with ASUS Control Center

E500A 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

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.

HIGHLIGHTS

- Powerful performance with AMD Raphael processors and Non-ECC memory
- Supports up to three independent displays simultaneously via HDMI, DisplayPort, DVI-D and VGA
- Improved productivity with ASUS Control Center
- Graphics card support, including NVIDIA® Quadro® RTX
- Dual M.2 for up to 32Gbps performance and data redundancy
- Convenient I/O design and ultrafast connectivity
- Single on board Intel® LAN support Intel 2.5Gb Ethernet port for faster data-transfer speeds
- Independent software vendor (ISV) certification for validated reliability and compatibility with key applications



SPECIFICATION

CPU	AMD Socket AM5 for AMD Ryzen™ 7000 Series Desktop Processors* 1 x Socket
Chipset	AMD A620 Chipset
Memory	4 x DIMM slots, Max 128GB, DDR5 5600/4800 MHz,ECC/ non-ECC UDIMM *Actual memory frequency differs from Intel CPU and memory module. Please check Intel official site for more detail about the memory supported by each CPU.
Expansion Slots	Total: 3 AMD Ryzen™ 7000 Series Desktop Processors 1 x PCIe 4.0 x16 slot AMD A620 Chipset 2 x PCIe 3.0 x1 slots
GPU support	Supports 1 x double deck PCIe x16 GPU card
Storage	SATA Controller : 4 x SATA 6Gb/s ports * AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/10 and SATA RAID 0/1/10. Drive bay: 3 x internal 3.5" Drive bays 1 x Internal 2.5" Drive bay M.2: 1 x M.2_1 socket3, up to 2280 type (PCIe Gen4 x4) 1 x M.2_2 socket3, up to 2280 type (PCIe Gen4 x4)
LAN	1 x Intel® I225-LM 2.5GbE LAN
Audio	Realtek 7.1 Surround Sound High Definition Audio CODEC
USB	Total 10 USB ports Front: 1 x USB 3.2 Gen2x2 port 2 x USB 3.2 Gen1 ports 1 x USB 2.0 ports Rear: 2 x USB 3.2 Gen2 ports (1 port at Type A, 1 port at Type C) 4 x USB 3.2 Gen1 ports
Front I/O Ports	1 x USB 3.2 Gen2x2 port 2 x USB 3.2 Gen1 ports 1 x USB 2.0 ports 1 x Headphone jack 1 x Microphone jack
Switch / LED	Front: 1 x Power Switch/LED 1 x Reset Switch 1 x HDD Access LED
Rear I/O Ports	2 x USB 3.2 Gen 1 (5G) ports (2 x Type-A) 4 x USB 2.0 ports (4 x Type-A) 1 x HDMI 2 x DisplayPort 1 x PS/2 Keyboard/Mouse combo port 1 x BIOS FlashBack™ button 1x LAN ports (RJ45) 3 x Audio jacks
Power Supply	300W Bronze ATX Power Supply (100-127/220-240Vac, 6-3A, 50-60Hz, Class I) 550W Gold ATX Power Supply (100-240Vac, 9-4.5A, 50-60Hz,) 750W Gold ATX Power Supply (100-240Vac, 9-4.5A, 50/60Hz)
Form Factor	423mm x 190mm x 435mm 16.7" x 7.48" x 17.1"