



## Essential workstation powered by AMD Ryzen™ 9000 & 8000 & 7000 Series and AMD EPYC™ 4005 Series Desktop Processors, DDR5 ECC memory, dual LAN and 20Gbps USB Type-C



### HIGHLIGHTS

- Powerful performance with AMD Ryzen™ 9000 & 8000 & 7000 Series and AMD EPYC™ 4005 Series Desktop Processors, and ECC memory support.
- Supports multiple displays simultaneously via HDMI, DisplayPort, VGA and Type-C® alt mode.
- ASUS Control Center Express empowers real-time IT monitoring and management for enhanced data protection
- Graphics card support NVIDIA® RTX™ PRO Blackwell series.
- Dual M.2 support with up to 128Gbps bandwidth for extreme performance and data redundancy.
- Rich I/O options including front USB 20Gbps Type-C, USB 10Gbps Type C and USB 5Gbps for versatile connectivity
- Dual onboard 2.5GbE ethernet ports for faster high-density, high-bandwidth and low-latency
- Independent software vendor (ISV) certification for validated reliability and compatibility with key applications

### Powerful performance with AMD Ryzen™ 9000 & 8000 & 7000 Series and AMD EPYC™ 4005 Series Desktop Processors, and ECC memory support.

ASUS ExpertCenter Pro ET500A B8 is a mainstream workstation that delivers professional performance and flexible expandability ideal for a range of applications from design to virtualization. It delivers the performance, reliability and guaranteed compatibility you can trust for your professional workflows.

### Graphics card support

Pro ET500A B8 supports NVIDIA RTX™ PRO Blackwell series graphics card, making it the perfect workstation for content creators, media streamers and professional designers

### Dual 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 multiple independent displays simultaneously

Pro ET500A B8 provides total display flexibility with support multiple displays via onboard graphic output ports include one HDMI port and one USB Type-C® alt mode, making it perfect for multitasking environments.

### Dual M.2 for up to 128Gbps performance and data redundancy

Pro ET500A B8 features dual M.2 slots to unleash maximum data-transfer performance. One M.2 slot supports up to 2280-length M.2 drive via PCIe Gen5 x4 for ultrafast data access. Another M.2 slot drives via PCIe Gen4 x4 to speed up traditional hard drives.

### Improved productivity with ASUS Control Center Express

Pro ET500A B8 features centralized IT-management with ASUS Control Center Express (ACCE), 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.

SPECIFICATION

<b>CPU</b>	1 x Socket AM5 AMD Ryzen™ 9000 & 8000 & 7000 Series and AMD EPYC™ 4005 Series Desktop Processors
<b>Chipset</b>	AMD B850 Chipset
<b>Memory</b>	4 x DIMM slots, Max 128GB, DDR5 5600 ECC/ non-ECC UDIMM * Refer to support page for more information ** Actual memory frequency differs from CPU types and memory module. Please check official site for more detail about the memory types supported by each CPU.
<b>Expansion Slots</b>	<b>Total: 2</b> <b>AMD Ryzen™ 9000 &amp; 7000 Series Desktop Processors</b> Location-1: PCIe 5.0 x16 slot (supports x16 mode) <b>AMD Ryzen™ 8000 Series Desktop Processors</b> Location-1: PCIe 4.0 x16 slot (supports x8/x4 mode)** <b>AMD B850 Chipset</b> Location-2: PCIe 4.0 x16 slot (supports x4 mode) ** Specifications vary by CPU types.
<b>GPU support</b>	Supports 1 x double deck PCIe x16 GPU card
<b>Storage</b>	<b>Total supports 2 x M.2 slots and 4 x SATA 6Gb/s ports*</b> <b>AMD Ryzen™ 9000 &amp; 7000 Series Desktop Processors</b> M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode) M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) <b>AMD Ryzen™ 8000 Series Desktop Processors</b> M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4/x2 mode)** <b>AMD B850 Chipset</b> 4 x SATA 6Gb/s ports * AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/10 and SATA RAID 0/1/10. ** Specifications vary by CPU types.
<b>LAN</b>	2 x Intel® I225-LM 2.5GbE LAN
<b>Audio</b>	Realtek® ALC897 7.1-Channel High Definition Audio CODEC
<b>USB</b>	<b>Rear USB (Total 7 ports)</b> 2 x USB 10Gbps ports (2 x Type-A) 1 x USB 10Gbps port (1 x Type-C) 1 x USB 10Gbps port (USB Type-C®) supports DisplayPort video output 3 x USB 2.0 ports (3 x Type-A) <b>Front USB (Total 3 ports)</b> 1 x USB 20Gbps Type-C® port 2 x USB 5Gbps ports (2 x Type-A) * USB Type-C® power delivery output: max. 5V/3A
<b>Front I/O Ports</b>	1 x USB 20Gbps Type-C port 2 x USB 5Gbps ports (2 x Type-A) 1 x Headphone port 1 x Microphone port
<b>Switch / LED</b>	Front: 1 x Power Switch/LED 1 x Reset Switch 1 x HDD Access LED Rear: 1x BIOS FlashBack™ Button
<b>Rear I/O Ports</b>	2 x USB 10Gbps ports (2 x Type-A) 1 x USB 10Gbps port (1 x Type-C) 1 x USB 10Gbps port (USB Type-C®) supports DisplayPort video output 3 x USB 2.0 ports (3 x Type-A) 1 x DisplayPort 1 x HDMI™ port 1 x VGA port 2 x Intel 2.5Gb Ethernet port 1 x Serial COM port 2 x Audio jacks 1 x BIOS FlashBack™ button
<b>Power Supply</b>	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)
<b>OS Support</b>	Windows® 11 Pro and Windows® 11 Home 64-bit (with AMD Ryzen Desktop Processors) Windows Server 2025 64-bit (with AMD EPYC™ 4005 Series Processors)
<b>Form Factor</b>	423mm x 190mm x 435mm 16.7" x 7.48" x 17.1"