



Essential workstation with Intel ® Core™ Ultra Processors, DDR5 ECC memory, dual LAN, triple M.2, Thunderbolt™ 4



Powerful performance with Intel® Core™ 14th gen processors CPUs and ECC memory

Pro ET500I W8 is built on the Intel W880 chipset and comes with a choice of the latest Intel® Core™ Ultra Processors. Pro ET500I W8 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

PRO ET500I W8 supports NVIDIA RTX™ 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 up to multiple independent displays simultaneously

Pro ET500I W8 provides total display flexibility with support multiple displays via onboard graphic output ports include one HDMI port and one Thunderbolt 4 Type-C®, making it perfect for multitasking environments. Thunderbolt™ 4 supports multiple 4K displays or a single 8K display for clear and smooth visuals, essential for professional applications.

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

PRO ET500I W8 features triple 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. The other two M.2 slots drives via PCIe Gen4 x4 to speed up traditional hard drives.

Improved productivity with ASUS Control Center Express

PRO ET500I W8 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.

HIGHLIGHTS

- Powerful performance with Intel® Core™ Ultra Processors and ECC memory
- Supports multiple displays simultaneously via HDMI, and Thunderbolt 4 Type-C®.
- Improved productivity with ASUS Control Center Express
- Graphics card support NVIDIA RTX™ graphics card
- Triple M.2 for up to 64Gbps performance and data redundancy
- Convenient I/O design and ultrafast connectivity
- Dual onboard 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	Intel® Core™ Ultra Processors (Series 2) 1 x Socket LGA1851
Chipset	Intel® W880 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 Location-1: PCIe x16 slots (Gen 5.0 x16/x8 link, FH, FL) Location-2: PCIe x16 slots (Gen 5.0 x0/x8 link, FH, FL) Location-3: PCIe x16 slots (Gen 4.0 x4 link)
GPU support	Supports 1 x double deck PCIe x16 GPU card
Storage	SATA Controller : Intel® W880 Chipset: 2 x SlimSAS ports (1 x PCIe/SATA modes, 1x PCIe mode) 4 x SATA 6Gb/s ports Intel® Rapid Storage Technology supports PCIe RAID 0/1/5/10, SATA RAID 0/1/5/10. Drive bay: 4 x internal 3.5"/2.5" Drive bays M.2: 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) M.2_3 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode)
LAN	2 x Intel® I225-LM 2.5GbE LAN
Audio	Realtek® ALC897 7.1-Channel High Definition Audio CODEC
USB	Total 10 USB ports Front: 1x USB 20Gbps Type-C® port 2x USB 5Gbps ports Rear: 1 x Thunderbolt™ 4 port (1 x USB Type-C®, 5V/3A & 8K@60Hz or 4K@120Hz) 1 x USB 20Gbps ports (1 x Type-C®, 5V/3A) 6 x USB 10Gbps ports (6 x Type-A)
Front I/O Ports	1x USB 20Gbps Type-C® port 2x USB 5Gbps ports 1x Headphone port 1x Microphone port
Switch / LED	Front: 1 x Power Switch/LED 1 x Reset Switch 1 x HDD Access LED Rear: 1x BIOS FlashBack™ Button
Rear I/O Ports	1 x Thunderbolt™ 4 port (1 x USB Type-C®, 5V/3A & 8K@60Hz or 4K@120Hz) 1 x USB 20Gbps ports (1 x Type-C®, 5V/3A) 6 x USB 10Gbps ports (6 x Type-A) 1 x HDMI® port 2 x Intel 2.5Gb Ethernet port 1 x Serial COM port 2 x Audio jacks with SPDIF OUT 1 x BIOS FlashBack™ button
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"