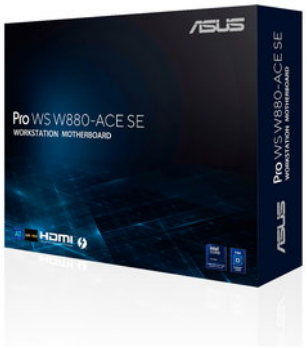




ASUS PRO WS W880-ACE SE Intel W880 LGA 1851 (Socket V1) ATX

Model: 90MB1KV0-M0EAY0

Manufacturer: ASUS

EAN: 4711387994221

Product Code: 1703952

R14,529

The Pro WS W880-ACE SE empowers workstation users of all levels by maximizing the performance of the latest Intel® Core™ Ultra Processor (Series 2) processors with 8+1+2+2 team power stages, DDR5 slots, PCIe® 5.0 and lightning-fast connectivity including Thunderbolt™ 4 port, dual 2.5Gb Ethernet.

The workstation motherboard is engineered to support dual graphics cards, making it an ideal choice for content creation, AI and deep learning, and IT management.

Thunderbolt™ Connectivity

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The Pro WS W880-ACE SE features a Thunderbolt™ 4 port, offering high-speed data transfers up to 40Gbps. This allows large files and datasets to be transferred in seconds, boosting productivity for workstation users, AI and deep learning experts, and IT managers. Thunderbolt™ 4 also supports multiple 4K displays or a single 8K display for clear and smooth visuals, essential for professional applications. Its strong compatibility with existing Thunderbolt™ and USB devices simplifies connectivity and management.

PCIe 5.0 Support

The Pro WS W880-ACE SE offers PCIe 5.0 support to give unfettered bandwidth to the fastest SSDs and graphics cards available.

PCIe 5.0 Expansion Slots

Both of the x16 expansion slots are PCIe 5.0, offering incredible speeds of up to 64 GB/s for compatible devices. To bear the brunt of massive graphics cards, they are also protected with SafeSlot retention brackets.

Remote Control Solution

Onboard BMC

The Pro WS W880-ACE SE workstation motherboard features compatibility with BMC connections, and it is bundled with ASUS Control Center Express software to provide comprehensive in-band and out-of-band management features for businesses and industries.

ASUS Control Center Express

A dedicated chipset heatsink draws heat away to maintain optimum operating temperatures, and it comes with an active fan to enhance thermal efficiency.

The Core of Your Powerful Workstation

Designed to meet the needs of high-core-count CPUs, the Pro WS W880-ACE SE features 8(80A)+1(80A)+2(80A)+2(80A) power stages that integrate high-side and low-side MOSFETs and drivers into packages rated for up to 80 amps each. This configuration ensures optimal power

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delivery, efficiency, stability and performance for new Intel® Core™ Ultra Processors (Series 2).

Eight Layered PCB design

These are built to tight specifications to ensure flush contact with PSU power lines. The resulting lower impedance helps to prevent hotspots and connector failure.

ProCool II Connectors

This enhances quick heat dissipation around the voltage regulators for enhanced stability and overclocking.

Superior Chokes & Capacitors

These are engineered to resist extreme temperatures, providing a higher level of performance than the industry standard.

Digi+ VRM Control

The ASUS Digi+ voltage-regulator module (VRM) is one of the finest in the industry and ensures ultra-smooth power delivery to the CPU.

Performance Boost

NPU Boost

The integrated Neural Processing Unit in Intel® Core™ Ultra Processors (Series 2) efficiently accelerates AI workflows — and NPU Boost lets you do more with it. This BIOS feature overclocks the NPU with just one click, increasing performance by up to 24%. 1

Memory

The Pro WS W880-ACE SE enhances DDR5 performance by providing overclocking options that would otherwise be locked, whether you are dealing with high-speed or entry-level memory modules.

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DIMM Fit

DIMM Fit is an ASUS-exclusive BIOS feature that precisely analyzes individual memory modules to optimize performance and pinpoint potential issues. This offers peak efficiency, compatibility and system stability. Whether you are an overclocker seeking ultimate performance, a competitor pursuing the most responsive gameplay or a content creator prioritizing rock-solid stability, DIMM Fit provides optimizations tailored to your needs and your hardware configuration.

AEMP III

ASUS Enhanced Memory Profile III (AEMP III) is an advanced firmware feature that empowers users to achieve unparalleled memory performance with cutting-edge CUDIMM memory. Through a two-phase comprehensive tuning process, AEMP III first optimizes the clock driver and then the memory frequency. This results in the best balance between performance and stability, even at cutting-edge speeds of DDR5-8000 or higher.2

Intelligent AI Solutions

AI Cooling II

Balance the thermals and acoustics of any build with a single click.

AI Advisor

Using AI technology to understand natural-language questions or scenario descriptions, ASUS AI Advisor allows users to explore the functionality and advanced features of ASUS motherboards in a simple and straightforward way.3

Easy PC DIY

M.2 Q-Latch

The innovative ASUS Q-Latch makes it easy to install or remove an M.2 SSD without the need for specific tools or screws. This design employs a simple locking mechanism to secure the drive and neatly detach it with one tap.

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ASUS DriverHub

ASUS DriverHub streamlines the installation and management of ASUS drivers and utilities to keep your hardware up-to-date and perform optimally. This standalone application automatically detects current driver versions and presents available updates in a list view. Users are invited to install ASUS DriverHub after OS installation.

Four Onboard M.2 Slots

The Pro WS W880-ACE SE features one PCIe 5.0 M.2 slot and three PCIe 4.0 M.2 slots to enjoy the fastest data transfers of up to 128 Gbps, and all M.2 slots support NVMe RAID configurations to take advantage of the latest available speeds.4

24/7 Reliability

Optimized for 24/7 operation, the Pro WS W880-ACE SE motherboard is tested to work at up to 45°C and 80% humidity, ensuring it can handle diverse operating environments.

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