

MSI MEG X870E ACE MAX motherboard AMD X870E Socket AM5 ATX

Model: 7E85-001R

Manufacturer: MSI

EAN: 4711377414968

Product Code: 823871

R16,689

The MEG X870E ACE MAX boasts premium aesthetics with a sleek black metal nameplate and polished gold accents, symbolizing high-quality materials and construction that evoke a sense of prestige. Constructed around the latest AMD X870E chipset which supports AMD Ryzen 9000/8000/7000 series processors, featuring OC Engine, PCIe 5.0, 10G + 5G LAN, USB4, Wi-Fi 7, premium Frozr and EZ DIY design, setting a new standard for AMD X870E motherboards.

MSI's flagship MEG series exemplifies relentless innovation, continuously setting new benchmarks in the gaming hardware space. This trailblazing series employs pioneering technology to push the boundaries of gaming, consistently leading with innovations that redefine what gamers expect.

MSI motherboards are designed with advanced hardware and technology, well-supporting the demanding computing usage of gaming and AI. Moreover, we also introduce AI to MSI Center and

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

BIOS, making everything more effortless than before.

AI Engine

provides several categories for you to sync the applications you want to perform and automatically optimizing them to create a comfortable environment.

AI LAN MANAGER

optimizes networking performance and minimizes latency, providing a seamless online experience.

Frozr AI Cooling

automatically adjusts fan duty to make sure the system stays in cool, stable and high performance.

AI Boost

is an MSI exclusive feature. It overclocks NPU to improve higher AI performance.

An easy-to-access physical button release mechanism that can help remove any PCIe card with a single tap, making it much easier to upgrade to a new GPU or other compatible device, streamlining the entire process and enhancing user experience.

Unleash and sustain the maximum performance with a flagship VRM design built with a total of 18+2+1 digital power phases. Combining dual 8 pin power connectors and 110A Smart Power Stage, MEG X870E ACE MAX is ready for the challenge of high-end processors.

OC Engine is a dedicated chip that enables independent Base Clock (BCLK) control for precise tuning through asynchronous mode in MSI BIOS. It boosts performance by up to 15% while keeping iGPU, memory, PCIe and NVMe stable, giving enthusiasts more headroom for record-breaking overclocks.

MSI utilizes PCB Fabric Technology to enhance signal performance, resulting in higher bandwidth and faster data transfer while minimizing signal loss. The PCB Fabric Technology also offers better impedance control and improved thermal stability, allowing the boards to endure demanding conditions. Due to the high-quality materials used, MSI motherboards are highly reliable and well-suited for the requirements of modern technology.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

With the rich features of MSI BIOS, you can easily enjoy the powerful performance that overclocking brings.

These rich features also help the motherboard deliver stable and powerful performance.

WAVY Fin Design

Wavy fin array design enlarges up to 50% heat dissipation, provides the maximum surface of heat dissipation.

Direct Touch Cross Heat-pipe

The dual heat-pipe connect two MOS heatsinks to enlarge the surface of heat dissipation.

Aluminum Cover

Fully aluminum IO cover and extended heatsink design provide the maximum surface of heat dissipation.

9W/mK Thermal Pad

High quality 9W/mK MOSFET thermal pads and extra choke thermal pads ensure all cores running in high performcance.

Metal Backplate

The metal baseplate cool down the MOSFET temperature with dedicated thermal pads.

MSI MEG series motherboards are equipped with a 9W/mK MOSFET thermal pad to achieve the highest cooling performance. Compared to the previous generation's 7W/mK thermal pad, the average temperature is reduced by approximately 2.5°C.

Connect and synchronize with MSI coolers and cases with strategically positioned pin-header locations including a dedicated pump-fan header.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

The MSI Combo Fan Header is a versatile component, functioning as both a pump and or fan header. The header will automatically detect whether it is either pump or PWM/DC fan, with it's distinctive gray color ensuring easy identification

Cooling Wizard serves as a comprehensive solution for managing fan settings across all MSI products. It ensures superior cooling performance and noise reduction for your gaming PC, offering compatibility with PWM/DC fans and pumps, customizable options, and intuitive temperature monitoring for optimal operation with one click.

Frozr AI Cooling targets CPU and GPU temperatures. The AI system detects CPU and GPU temperatures and automatically adjusts the fan duty of system fans to ensure optimal performance.

MSI fan headers automatically detect fans running in DC or PWM mode for optimal tuning of fan speeds and silence. Hysteresis also makes your fans spin up fluently to make sure your system stays silent, no matter what.

MSI's premium network solution provides incredible data transfer speed for demanding users.

Wi-Fi 7 is the latest wireless solution that takes a huge leap forward with multiple improvements to meet the traffic demand brought and the growing number of wireless devices.

MSI AI LAN Manager automatically classifies and prioritizes the latency-sensitive applications for online games, giving you the best online gaming experience with low latency.

MSI MEG series motherboards support all the latest storage standards, which allows users to connect any ultra-fast storage device. Start games faster, load levels faster and have a real advantage over your enemies.

A larger BIOS ROM capacity allows users to enjoy the most complete and feature-rich BIOS interface when using their CPU. Even when upgrading to the latest AM5 CPUs in the future, full compatibility will still be ensured.

MSI motherboards fully utilize native CPU PCIe 5.0 lanes with optimized lane bifurcation, allowing the Gen 5 x16 slot and dual Gen 5 M.2 connectors to operate independently, eliminating bandwidth conflicts and unlocking maximum performance for both GPUs and SSDs.

The MSI motherboards incorporate the latest USB4 technology, offering users the full range of benefits.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

HIGH QUALITY AUDIO CAPACITORS

A high fidelity sound experience with exceptional acoustics and realism for studio level headphones is ensured.

To provide clear voice, MSI develops a unique structure – Isolated Analogy Structure. The external metal framework of the audio connectors is separated from the internal layout, which ensures the sound quality crisp.

Splash on some color and vibrant RGB lighting effects using Mystic Light utility of MSI Center, which has million colors and fancy LED effects. Enjoy the full control and creativity of your PC's lighting with one software.

Add more color if you want! Mystic Light Extension pin header provides an intuitive way to control additional RGB strips and other RGB peripherals added to a system, without needing a separate RGB controller.

MSI’s newly designed CLICK BIOS X offers an aesthetically pleasing and user-friendly experience. The new design ensures that users of all experience levels can quickly access and adjust system configurations with ease.

MSI brand new MSI Center unifies a suite of MSI software utilities into a single centralized application. Take control of advanced motherboards features and unleash endless possibilities.

MSI motherboards provide 60 days free trial of AIDA64 Extreme - MSI edition. AIDA64 Extreme is an almighty application for system information, diagnostics and benchmarks. With the application, you can monitor the detailed hardware and software information on PC and save it to file in multiple formats such as CSV and HTML.

Multiple layers of protection for your devices, online privacy features including our Secure VPN, plus Dark Web Monitoring - all in a single solution. With MSI motherboards, you can enjoy a 60-day free trial of Norton 360 Deluxe.

BUILD FOR THE MOST ADVANCED PC FOR GAMING AND CREATING

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

When only the fastest will do, an AMD X800-series motherboard delivers. With USB 4.0 onboard along with robust overclocking1 capabilities, featuring faster dual-channel DDR5 memory support, AMD EXPO™ technology and PCIe® 5.0 support for both graphics and NVMe, you can play the most demanding games and deliver your biggest projects with the revolutionary performance of an AMD X800-series motherboard and AMD Ryzen™ 9000, 8000, and 7000 Series processors.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950