Mainboard MSI AMD X870E SAM5 ATX Memory DDR5 X870EGAMINGPLUSWIFI

Modelis: X870E GAMING PLUS WIFI

Gamintojas: MSI

EAN: 4711377347594

Prekės kodas: 357035

249.99€

X870E GAMING PLUS WIFI

X870E GAMING PLUS WIFI is designed with durable components to provide great gaming experience. Designed with Wi-Fi 7 and 5G LAN, high-speed USB4, PCIe 5.0 solutions, Supplemental PCIe Power and exclusive EZ DIY features, it's ready for 24/7 non-stop gaming of AMD Ryzen™ 9000 series processors.

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 BIOS, making everything more effortless than before.

ULTRA PERFORMANCE

14+2+1 DRPS POWER DESIGN

Unleash and sustain maximum performance with a flagship VRM design built with a total of 14+2+1 digital power phases. Combining dual power connectors and 60A Smart Power Stage, X870E GAMING PLUS WIFI is ready for the challenge of high-end processors.

OPTIMIZED PCB SOLUTION

The PCB design has been optimized for higher bandwidth and faster transfer speeds, which is also beneficial for reliable circuit transmission.

Extended Heatsink

Extended Heatsink enlarges the surface of heat dissipation and maintain the performance at heavy loads.

M.2 Shield Frozr

Strengthened M.2 thermal solution helps keep M.2 SSD safe and ensures incredible performance.

Heavy Plated VRM Heatsink

The VRM heatsink covers the upper MOS and helps dissipate the heat.

7W/mK Thermal Pad & Additional Choke Pad

High-quality 7W/mK MOSFET thermal pads and additional choke thermal pads ensure stable performance when all cores are runnging at high speed.

Enlarged Chipset Heatsink

The enlarged heatsink is designed to reduce dust and noise and capable of maintaining high efficiency of heat dissipation.

DIY 2.0 – INTEGRATING WITH THE SYSTEM ENVIRONMENT

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

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.

HIGH-BANDWIDTH AND LOW-LATENCY NETWORK

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

THE NEXT GEN WI-FI SOLUTION – WI-FI 7

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.

AI LAN Manager

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 AI LAN MANAGER

Automatically prioritizes games above other applications

Allows to change applications' traffic priority

Allows to customize bandwidth for each application

Analysis Wi-Fi signals to select the best source.

Experience

The Isolated Analogy Structure for Audio Connectors

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.

BUILD FOR THE MOST ADVANCED PC FOR GAMING AND CREATING

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.

- Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
- Supports DDR5 Memory, Dual Channel DDR5 8200+ MT/s (OC)
- Ultra Performance: 14+2+1 Duet Rail Power System, dual 8-pin CPU power connectors, Core Boost, Memory Boost, 8-layer PCB made by 2oz thickened copper and server-grade level material
- Frozr Guard: Extended Heatsink, MOSFET thermal pads rated for 7W/mK, additional choke thermal pads and EZ M.2 Shield Frozr II are built for high performance system and non-stop experience
- EZ DIY: EZ M.2 Shield Frozr II, EZ M.2 Clip II, EZ PCIe Clip II and EZ Antenna
- Lightning Fast Game experience: PCIe 5.0 slot, Lightning Gen 5 x4 M.2
- Ultra Connect: USB4 and 5G LAN with Wi-Fi 7 Solution - the latest solution for professional and multimedia use, delivering secure, stable, and high-speed networking and data transmission
- Audio Boost : Reward your ears with studio-grade sound quality for the most immersive gaming experience

Summary: MSI X870E GAMING PLUS WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive types: HDD, RAID levels: 0, 1, 5, 10. Maximum resolution: 3840 x 2160 pixels. Ethernet interface type: 5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E... | Vendor Homepage: https://www.msi.com/Motherboard/X870E-GAMING-PLUS-WIFI/Specification?_gl=1*16v5afp*_up*MQ..*_ga*MTE1NDE3MjMyNy4xNzQ2NzgxMjg0*_ga_2FQZ8W9D09*c | Audio output channels: 7.1 | Component for: PC | Motherboard chipset: AMD X870E | Motherboard chipset family: AMD | Motherboard form factor: ATX | Product colour: Black | Compatible processor series: AMD Ryzen 7000 Series/AMD Ryzen 8000 Series/AMD Ryzen 9000 Series | Processor manufacturer: AMD | Processor socket: Socket AM5 | Supported processor sockets: Socket AM5 | ECC compatibility: ECC & Non-ECC | Maximum internal memory: 256 | Memory channels: Dual-channel | Memory slots type: DIMM | Number of memory slots: 4 | Supported memory types: DDR5-SDRAM | Unbuffered memory: Yes | RAID levels: 0/1/10/5 | RAID support: Yes | Supported storage drive types: HDD | Maximum resolution: 3840 x 2160 | On-board graphics card: No | Parallel processing technology support: Not supported | ATX Power connector (24-pin): Yes | Chassis intrusion connector: Yes | CPU fan connector: Yes | EPS power connector (8-pin): Yes | Front panel audio

connector: Yes | Front panel connector: Yes | Number of chassis fan connectors: 6 | Number of COM connectors: 1 | Number of CPU fan connectors: 1 | Number of RGB LED pin headers: 3 | Number of SATA III connectors: 4 | Number of water pump connectors: 1 | RGB LED pin header: Yes | TPM connector: Yes | USB 2.0 connectors: 6 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 4 | USB 3.2 Gen 2 (3.1 Gen 2) connectors: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | Headphone outputs: 1 | Microphone in: Yes | USB 2.0 ports quantity: 4 | Bluetooth: Yes | Bluetooth version: 5.4 | Ethernet interface type: 5 Gigabit Ethernet | Ethernet LAN: Yes | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Wi-Fi: Yes | Wi-Fi standards: 802.11a/802.11b/802.11g/Wi-Fi 4 (802.11n)/Wi-Fi 5 (802.11ac)/Wi-Fi 6 (802.11ax)/Wi-Fi 6E (802.11ax)/Wi-Fi 7 (802.11be) | Number of M.2 (M) slots: 3 | PCI Express x1 slots: 1 | PCI Express x16 (Gen 3.x) slots: 3 | Depth: 243.84 | Width: 304.8 | Antenna included: Yes | Cables included: SATA | Screws included: Yes | Model: X870E GAMING PLUS WIFI | Units per Pallet: 0 | Units per Shipping Box: 5 | Unit Calculated Volume: 0.008014 | Unit Calculated Weight: 2.18