



**Mainboard MSI
AMD B850
Socket AM5
micro ATX RAM
DDR5-SDRAM
4xSlots Wi-Fi
Yes Bluetooth
Yes 1xPCI
Express x4 slots
1xPCI Express
x16 slots
2xNumber of
M.2 (M) slots
PROB850M-
AWIFIPZ**

Modelis: PRO B850M-A WIFI PZ

Gamintojas: MSI

EAN: 4711377384308

Prekės kodas: 377265

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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210.99€

PRO B850M-A WIFI PZ offers a sleek design with a harmonious silver-white color scheme that perfectly matches white PC builds. Its innovative back-connect design reduces the complexity of cable management, resulting in an aesthetically pleasing appearance for the system. It is engineered with many exclusive features of MSI, Wi-Fi 7 with EZ Antenna, 5G LAN, PCIe 5.0 M.2, and Supplemental PCIe Power, ready for the AMD Ryzen™ 9000 series processors.

The PRO Series is tailored to professionals from all walks of life. The lineup features impressive performance and high quality, while aiming to provide users incredible experience. Users who care about productivity and efficiency can definitely count on the MSI PRO Series to assist you with multitasking and increasing efficiency.

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.

Back-Connect Design

The PRO B850M-A WIFI PZ features a back-connect design, which relocates the motherboard power, CPU power, fan pins, SATA, and other interfaces to the back of the motherboard. This allows for simpler cable management, while also providing a cleaner and more aesthetically pleasing appearance for the system.

One Finger for EZ GPU Installation

The new EZ PCIe Clip II, located on the first slot, features the rebounding force mechanism that allows for easy removal of the graphics card by pressing the tail-like lock with one finger. Due to this exquisite design, users can uninstall the graphics cards effortlessly, even in the cramped case spaces.

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The Pre-Installed I/O Shield offers a streamlined and hassle-free installation experience by eliminating the need to manually fit the I/O shield during motherboard setup. With its built-in design, it ensures proper alignment and a secure fit, providing both protection and convenience while enhancing the overall durability of your build.

MSI EZ Antenna makes the process effortless by simply attaching fasteners to the motherboard without rotation.

Onboard LEDs will indicate the source of the problem so you know exactly where to look to get up and running again.

This LED lights up when it detects faulty memory in slots, eliminating guesswork from troubleshooting.

DIRECT 8+2+1 POWER DESIGN

Unleash and sustain the maximum performance with a VRM design built with a total of 8+2+1 digital power phases. With 8+4-pin power connectors, PRO B850M-A WIFI PZ is ready for the challenge of heavy-loading tasks.

OPTIMIZED PCB SOLUTION

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

DDR5 MEMORY SUPPORT WITH HIGH PERFORMANCE

A huge step of DDR performance enhancement with the latest DDR5 memory. Combines with dedicated SMT welding process and MSI Memory Boost technology, PRO B850M-A WIFI PZ is ready to deliver the world class memory performance.

Transient Voltage Suppressors (TVS)

Transient Voltage Suppressors (TVS) are safety devices used to protect against excessive voltage. All motherboard models of MSI are equipped with TVS. When the voltage abnormally rises, the TVS switches from a high-resistance state to a low-resistance state, diverting the excessive voltage to ground. This helps prevent circuit damage caused by high voltage.

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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.

FAST AND FUTURE-READY STORAGE

MSI PRO 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.

LIGHTNING GEN 5 PCI-E WITH STEEL ARMOR

SMT PCIE 5.0 SLOT

The advanced SMT(Surface Mount Technology) PCIE slot diminish interference and electrical noise, fully support the PCI-E 5.0 signal.

REINFORCED,

HEAVY SOLDERED CONNECTIONS

MSI PCI Express Steel Armor slots are secured to the motherboard with extra solder points and

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support the weight of heavy graphics cards. When every advantage in games counts, Steel Armor shields the point of contact from electromagnetic interference.

- Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
- Supports DDR5 Memory, Dual Channel DDR5 8200+ MT/s (OC)
- Ultra Performance: Direct 8+2+1 Power System 60A SPS, 8+4-pin CPU power connectors, Core Boost, Memory Boost, 6-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 M.2 Shield Frozr are built for high performance system and non-stop experience
- EZ DIY: EZ M.2 Clip II, EZ PCIe Clip II, and EZ Antenna
- Lightning Fast Game experience: PCIe 5.0 slot and Lightning Gen 5 x4 M.2
- 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 AM5 PRO B850M-A WIFI PZ M-ATX. 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 interfaces: M.2, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. 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

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(802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E.... Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD | Vendor Homepage: <https://www.msi.com/Motherboard/PRO-B850M-A-WIFI-PZ/Overview> | Audio chip: Realtek ALC897 | Audio output channels: 7.1 | Component for: PC | Motherboard chipset: AMD B850 | Motherboard chipset family: AMD | Motherboard form factor: micro ATX | Product colour: Black | Windows operating systems supported: Windows 11 x64 | 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: Non-ECC | Maximum internal memory: 256 | Memory channels: Dual-channel | Memory slots type: DIMM | Number of memory slots: 4 | Supported memory clock speed (max): 8200 | Supported memory clock speeds: 6000/6400/8200 | Supported memory types: DDR5-SDRAM | Number of HDDs supported: 4 | Number of storage drives supported: 6 | RAID levels: 0/1/10 | RAID support: Yes | Supported storage drive interfaces: M.2 | Supported storage drive types: HDD & SSD | 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 | Front panel audio connector: Yes | Front panel connector: Yes | Number of COM connectors: 1 | Number of CPU fan connectors: 2 | Number of RGB LED pin headers: 3 | Number of SATA III connectors: 4 | Number of water pump connectors: 1 | RGB LED pin header: Yes | Total number of SATA connectors: 4 | TPM connector: Yes | USB 2.0 connectors: 4 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 2 | USB 3.2 Gen 2 (3.1 Gen 2) connectors: 1 | DisplayPort version: 1.4 | DisplayPorts quantity: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | Line-in: Yes | Microphone in: Yes | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 3 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 3 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 2 | 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) | 1st M.2 highest PCI Express generation: 5.0 | 1st M.2 largest key size: 2280 | 2nd M.2 highest PCI Express generation: 4.0 | 2nd M.2 largest key size: 2280 | Number of M.2 (M) slots: 2 | PCI Express x16 (Gen 3.x) slots: 1 | PCI Express x16 (Gen 4.x) slots: 1 | PCI Express x16 (Gen 5.x) slots: 1 | PCI Express x16 slots: 1 | PCI Express x4 slots: 1 | ACPI version: 6.5 | BIOS memory size: 256 | BIOS type: UEFI AMI | System Management BIOS (SMBIOS) version: 3.7 | Depth: 243.84 | Width: 243.84 | Units per Pallet: 0 | Units per Shipping Box: 10 | Unit Calculated Volume: 0.007378 | Unit Calculated Weight: 1.78

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