

MSI PRO B850M-P WIFI motherboard AMD B850 Socket AM5 micro ATX

Model: PRO B850M-P WIFI

Manufacturer: MSI

EAN: 4711377350181

Product Code: 427122

R4,239

PRO B850M-P WIFI

PRO B850M-P WIFI offers a simple design with a harmonious silver color scheme that perfectly matches both white and black PC builds. It is engineered with many exclusive features of MSI, a Wi-Fi 7 with EZ Antenna, 5G LAN, PCIe 5.0 M.2 with EZ M.2 Shield Frozr II, 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

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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.

DIRECT 7+2+1 POWER DESIGN

Unleash and sustain the maximum performance with a VRM design built with a total of 7+2+1 digital power phases. With an 8-pin power connector, PRO B850M-P WIFI is ready for the challenge of heavy-loading tasks.

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-P WIFI 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.

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.

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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.

Chipset Heatsink

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

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.

HIGH-BANDWIDTH AND LOW-LATENCY NETWORK

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HIGH-BANDWIDTH AND LOW-LATENCY NETWORK
5G LAN
5G LAN
Wi-Fi 7
Wi-Fi 7
EZ Antenna with Magnetic Stand
EZ Antenna with Magnetic Stand
THE NEXT GEN WI-FI SOLUTION – WI-FI 7
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*Windows 11 compatibility only

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Upgrade to Wi-Fi 7

Higher Order Modulation

Multi-Link Operation

Wi-Fi 7 (802.11be) introduced higher speeds, wider channels, improved efficiency, and reduced latency over Wi-Fi 6 (802.11ax). It also improved battery life and provided better performance in crowded environments.

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

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