MSI AM5 PRO B850M-A WIFI PZ M-ATX AMD B850 AM5 lizdas „micro ATX“

Gamintojas: **MSI** · Modelis: **7E78-001R** · EAN: **4711377384308** · Prekės kodas: **444335**



226,90 €

Kaina su PVM

Be PVM: **187,52 €**

Sandėlyje

Prekė internetu

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Pagrindinės savybės

- ✓ AMD AM5 lizdas AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series
- ✓ PC „micro ATX“ AMD B850 Realtek ALC897 7.1 kanalai
- ✓ DDR5-SDRAM 4 DIMM Maksimali vidinė atmintis: 256 GB
- ✓ HDD & SSD M.2 RAID palaikymas Palaikomų saugojimo tvarkyklių skaičius: 6
- ✓ BIOS tipas: UEFI AMI 256 Mbit ACPI versija: 6.5
- ✓ 5 Gigabit Ethernet „Wi-Fi“ Wi-Fi 7 (802.11be) Bluetooth 5.4







Aprašymas

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.

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.

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.

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.

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

Techninė specifikacija

Processor	
Processor manufacturer	AMD
Processor socket	Socket AM5
Compatible processor series	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series
Supported processor sockets	Socket AM5
Memory	
Supported memory types	DDR5-SDRAM
Number of memory slots	4
Maximum internal memory	256 GB
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	6000,6400,8200 MHz
Supported memory clock speed (max)	8200 MHz
Storage controllers	
Supported storage drive interfaces	M.2
Supported storage drive types	HDD & SSD

Number of HDDs supported	4
Number of storage drives supported	6
RAID support	Yes
RAID levels	0, 1, 10
Graphics	
Parallel processing technology support	Not supported
On-board graphics card	No
Internal I/O	
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
Number of SATA III connectors	4
Number of SATA II connectors	0
Number of SATA connectors	0
Total number of SATA connectors	4
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of CPU fan connectors	2
Chassis intrusion connector	Yes
Number of COM connectors	1
TPM connector	Yes
Number of water pump connectors	1
RGB LED pin header	Yes
Number of RGB LED pin headers	3
Rear panel I/O ports	
USB 2.0 ports quantity	0
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	0
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
Ethernet LAN (RJ-45) ports	1
VGA (D-Sub) ports quantity	0
HDMI ports quantity	1

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DVI-D ports quantity	0
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Line-in	Yes
Microphone in	Yes

Network

Wi-Fi	Yes
Ethernet LAN	Yes
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 (802.11ax), Wi-Fi 7 (802.11be)
Bluetooth	Yes
Bluetooth version	5.4

Features

Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	AMD
Motherboard chipset	AMD B850
Audio output channels	7.1 channels
Audio chip	Realtek ALC897
Product colour	Black
Windows operating systems supported	Windows 11 x64

Expansion slots

PCI Express x4 slots	1
PCI Express x16 slots	1
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	2
1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	5
2nd M.2 largest key size	2280
2nd M.2 highest PCI Express generation	4

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BIOS	
BIOS type	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	6.5
System Management BIOS (SMBIOS) version	3.7
Weight & dimensions	
Width	243.8 mm
Depth	243.8 mm
Other features	
mSATA ports quantity	0
Matmenys ir svoris	
Matmenys (I × P × A)	29,00cm × 29,00cm × 8,00cm
Svoris	1,59kg

Dokumentai ir vaizdo įrašai

- Naudojimo instrukcija
- Gaminio lankstinukas

Gamintojo ir saugos informacija

GAMINTOJAS

Micro-Star Int'l Co.
Lide St., Zhonghe Dist. No. 69, 235 New Taipei City, TW
msi.com

ATSAKINGAS ASMUO ES

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Science Park Eindhoven 5706, 5692 ER Son, NL
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PLATINTOJAS

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