MSI PRO B840M-P WIFI6E motherboard AMD B840 Socket AM5 micro ATX

Gamintojas: **MSI** · Modelis: **7E77-001R** · EAN: **4711377361804** · Prekės kodas: **996187**



156.90€

Kaina su PVM

Be PVM: **129.67€**

In Stock

Prekė internetu

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Pagrindinės savybės

- ✓ AMD Socket AM5 AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series
- ✓ PC micro ATX AMD B840 Realtek ALC897 7.1 channels
- ✓ DDR5-SDRAM 4 DIMM Maximum internal memory: 256 GB
- ✓ HDD & SSD M.2, Micro SATA III RAID support Number of storage drives supported: 6
- ✓ BIOS type: UEFI AMI 256 Mbit ACPI version: 6.5
- ✓ 2.5 Gigabit Ethernet Wi-Fi Wi-Fi 6E (802.11ax) Bluetooth 5.3











Aprašymas

PRO B840M-P WIFI6E

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.

PRO B840M-P WIFI6E 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 6E with EZ Antenna, 2.5G LAN, and PCIe 4.0 M.2, ready for the AMD Ryzen™ 9000 series processors.

BUSINESS ELEGANCE

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.

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 B840M-P WIFI6E 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.

Extended Heatsink

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

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 chipset 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.

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	4800,5600,8000 MHz
Supported memory clock speed (max)	8000 MHz
Storage controllers	
Supported storage drive interfaces	M.2, Micro SATA III
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	
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 connectors	0
Number of SATA Express connectors	0
Total number of SATA connectors	4
Number of CPU fan connectors	1
Number of chassis fan connectors	5
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	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
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	0
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	0

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Ethernet LAN (RJ-45) ports	1
VGA (D-Sub) ports quantity	0
HDMI ports quantity	1
DVI-D ports quantity	0
HDMI version	2.1

Network

Wi-Fi	Yes
Ethernet LAN	Yes
Ethernet interface type	2.5 Gigabit Ethernet
LAN controller	Realtek RTL8125D
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
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)
Bluetooth	Yes
Bluetooth version	5.3

Features

Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	AMD
Motherboard chipset	AMD B840
Audio output channels	7.1 channels
Audio chip	Realtek ALC897
Product colour	Black
Windows operating systems supported	Windows 11 x64

Expansion slots

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

BIOS

BIOS type	UEFI AMI
BIOS memory size	256 Mbit

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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)	27.00cm × 7.00cm × 28.00cm
Svoris	1.22kg

Dokumentai ir vaizdo įrašai

› Product leaflet

Gamintojo ir saugos informacija

MANUFACTURER

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

EU RESPONSIBLE PERSON

Mystar Computer B.V.
Science Park Eindhoven 5706, 5692 ER Son, NL
msi.com

DISTRIBUTOR

MB KOMPIUTERIŲ GURU
V. Nagevičiaus g. 3, LT-08237 Vilnius
info@shopro.lt