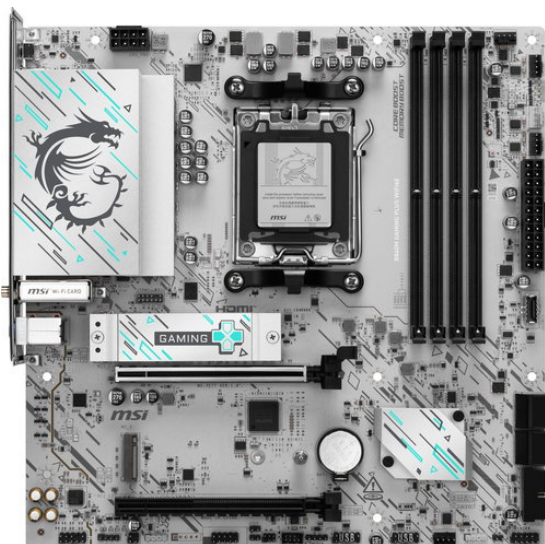


MSI B840M GAMING PLUS WIFI6E motherboard AMD B840 Socket AM5 micro ATX

Gamintojas: **MSI** · Modelis: **7E77-003R** · EAN: **4711377361811** · Prekės kodas: **725136**



155,90 €

Kaina su PVM

Be PVM: **128,84 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
- ✓ Ultra Performance: 7+2+1 Phase Direct CPU Power, 8-pin CPU power connector, Core Boost, Memory Boost, 6-layer PCB with 2oz thickened copper
- ✓ Supports DDR5 Memory, Dual Channel DDR5 8000+ MT/s (OC)
- ✓ Frozr Guard: Extended Heatsink, MOSFET thermal pads rated for 7W/mK, additional choke thermal pads and M.2 Shield Frozr II are built for high performance system and non-stop experience
- ✓ Lightning Fast Game experience: PCIe 4.0 slot, Lightning Gen 4 x4 M.2, Front USB Type-C
- ✓ High-speed Connectivity: Wi-Fi 6E with 2.5G LAN - The latest solution for professional and multimedia use, delivering secure, stable, and high-speed networking and data transmission
- ✓ EZ DIY: EZ M.2 Clip II, EZ PCIe Clip II and EZ Antenna
- ✓ Audio Boost: Reward your ears with studio-grade sound quality for the most immersive gaming experience



Aprašymas

B840M GAMING PLUS WIFI6E

The B840M GAMING PLUS WIFI6E is crafted to offer extensive connectivity, versatile tools, and Wi-Fi solution for gamers seeking a comprehensive experience. Featuring Wi-Fi 6E, 2.5G LAN, PCIe 4.0 solution and exclusive EZ DIY features, it is ready for 24/7 non-stop gaming optimized for 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.

7+2+1 P-PAK Power System

Unleash and sustain maximum performance with a flagship VRM design built with a total of 7 + 2 + 1 digital power phases. With a 8-pin power connector, B840M GAMING PLUS 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

M.2 Shield Frozr

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

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 running 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.

Techninė specifikacija

Specifications	
Sandėlio grupė	Consumer Motherboards [+213][-37]
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
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Storage controllers

Supported storage drive interfaces	M.2, Micro SATA III
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Supported storage drive types	HDD & SSD
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Number of HDDs supported	4
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Number of storage drives supported	6
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RAID support	Yes
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RAID levels	0, 1, 10
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Graphics

On-board graphics card	No
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Internal I/O

USB 2.0 connectors	4
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USB 3.2 Gen 1 (3.1 Gen 1) connectors	2
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USB 3.2 Gen 2 (3.1 Gen 2) connectors	1
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Number of SATA III connectors	4
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Number of SATA connectors	0
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Number of SATA Express connectors	0
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Total number of SATA connectors	4
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Number of CPU fan connectors	1
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Number of chassis fan connectors	5
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Number of water pump connectors	1
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RGB LED pin header	Yes
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Number of RGB LED pin headers	3
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Rear panel I/O ports

USB 2.0 ports quantity	4
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USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
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USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	0
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USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	0
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USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
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Ethernet LAN (RJ-45) ports	1
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VGA (D-Sub) ports quantity	0
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HDMI ports quantity	1
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DVI-D ports quantity	0
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HDMI version	2.1
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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	White
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
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
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Matmenys ir svoris

Matmenys (l × p × A)	27,00cm × 7,00cm × 28,00cm
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