MSI B550 GAMING WIFI6E motherboard AMD B550 Socket AM4

Gamintojas: **MSI** · Modelis: **B550 GAMING WIFI6E** · Prekės kodas: **978132**



153.90€

Kaina su PVM

Be PVM: **127.19€**

In Stock

Prekė internetu

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Pagrindinės savybės

- ✓ Supports AMD Ryzen™ 5000 Series, 5000 G-Series, 4000 G-Series, and 3000 Series processors
- ✓ Supports DDR4 Memory, up to 4800+MHz (OC)
- ✓ Lightning Fast Game experience: PCIe 4.0 slot, Lightning Gen 4 x4 M.2, Front USB Type-C
- ✓ EZ DIY: EZ Debug LED and EZ Mounting
- ✓ Wi-Fi 6E Solution: the ideal 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
- ✓ MSI Center: A brand-new software which integrates all MSI exclusive tools with user-friendly user interface






Aprašymas

The B550 GAMING WIFI6E is crafted to offer extensive connectivity, versatile tools, and Wi-Fi solution for gamers seeking a comprehensive experience. Featuring an 1G LAN, Wi-Fi and PCIe 4.0 solution, it is ready for 24/7 non-stop gaming optimized for AMD Ryzen™ 5000 Series, 5000 G-Series, 4000 G-Series, and 3000 Series processors.

The enlarged PCI-E clip helps you swap or remove your devices easier. Keep the PCI-E slot stronger and safer.

MSI motherboards circuitry ensure the case standoff keep out zones are pure and clean. Moreover, the protective paint is printed around each screw hole to prevent parts from being scratched or damaged to the motherboard.

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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A host of features inject artificial intelligence into key aspects of your computing experience to make smarter, real-time optimizations. The MSI Center offers a clean, minimal interface to customize and manage your PC settings. The AI Engine, for example, automatically adjusts settings based on the applications you're using, ensuring seamless performance.

Core Boost technology combines MSI's premium layout and optimized power design which allows for faster and undistorted current delivery to the CPU at pin-point precision. Not only supporting multi-core CPU, also creating the perfect conditions for your CPU overclocking.

Exclusive MSI Memory Boost technology utilizes an optimized and isolated DDR4 circuit design to ensure pure and undisturbed signals, significantly enhancing performance and efficiency.

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.

The 8-pin, 8-pin, and 24-pin power connectors of MSI motherboards are all designed with solid pins. The solid pin design allows for a more stable transmission of 12V power to the CPU, even when handling high current loads.

An extra layer of sponge materials along with corrosive resistance IO Shield to help improve static electricity and reduce electromagnetic radiation noise from the system as well as much more durable compare to traditional IO Shields.

MSI motherboards prioritize safety with the embedded Overcurrent Protection (OCP), ensuring crucial components such as the USB ports, DDR memory, PWM IC, and CPU are shielded from excessive current. This proactive defense mechanism curtails the risk of damage or malfunction due to power surges, promoting long-term system stability. This commitment to safeguarding your hardware underscores MSI's dedication to producing motherboards that prioritize durability and stability.

The grounding structure of power phases is the MSI's exclusive design. This patented design enables to suppress the electromagnetic interference (EMI) generated by the power phases and helps to efficiently conduct heat to the copper plane with grounding properties.

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 runnging at high speed.

Chipset Heatsink

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

MSI’s premium network solution provides incredible data transfer speed for demanding users.

MSI Gaming 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 4 PCI-E

MSI lightning Gen 4 PCI-E represents the bandwidth of a x16 interface to 64GB/s that has doubled compared to its previous generation.

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.

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Techninė specifikacija

Processor	
Processor manufacturer	AMD
Processor socket	Socket AM4
Compatible processor series	AMD Ryzen 5000 Series, AMD Ryzen 3000 Series, AMD Ryzen 4000 Series
Supported processor sockets	Socket AM4
Memory	
Supported memory types	DDR4-SDRAM
Number of memory slots	4000
Maximum internal memory	128 GB
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	2667,2800,2933,3000,3066,3200,3466,3600,3733,3866,4000,4133,4266,4400,4533,4600,4733,4800,4866 MHz
Supported memory clock speed (max)	4800 MHz
Unbuffered memory	Yes
Storage controllers	
Supported storage drive interfaces	M.2, PCI Express 4.0, PCI Express 3.0, SATA
Supported storage drive types	HDD & SSD
Number of storage drives supported	2
Internal I/O	
USB 2.0 connectors	4000
USB 3.2 Gen 1 (3.1 Gen 1) connectors	3
USB 3.2 Gen 2 (3.1 Gen 2) connectors	2
Number of SATA III connectors	6
Number of SATA connectors	6
Total number of SATA connectors	6
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Chassis intrusion connector	Yes
TPM connector	Yes

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RGB LED pin header	Yes
Rear panel I/O ports	
USB 2.0 ports quantity	8
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	0
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	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
VGA (D-Sub) ports quantity	0
HDMI ports quantity	1
DVI-D ports quantity	0
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Network	
Wi-Fi	Yes
Ethernet LAN	Yes
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek 8111H
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Bluetooth	Yes
Bluetooth version	5.3
Features	
Component for	PC
Motherboard chipset family	AMD
Motherboard chipset	AMD B550
Audio output channels	7.1 channels
Audio chip	Realtek ALC897
Expansion slots	
PCI Express x1 (Gen 3.x) slots	1
PCI Express x1 (Gen 4.x) slots	1

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PCI Express x16 slots	1
PCI Express x16 (Gen 3.x) slots	1
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	3

BIOS

BIOS type	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	6
System Management BIOS (SMBIOS) version	2.8

Dokumentai ir vaizdo įrašai

- Product leaflet
- Vaizdo įrašas objects.icecat.biz/objects/146785285_77560187.mp4

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