ASUS TUF GAMING B550M-PLUS WIFI II AMD B550 AM4 lizdas „micro ATX“

Gamintojas: **ASUS** · Modelis: **TUF GAMING B550M-PLUS WIFI II** · EAN: **4711081305705** · Prekės kodas: **585220**



137,90 €

Kaina su PVM

Be PVM: **113,97 €**

Sandėlyje

Prekė internetu
Nuskenuokite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ AMD AM4 lizdas AMD Ryzen 3000 Series, AMD Ryzen 5000 Series
- ✓ PC „micro ATX“ AMD B550 7.1 kanalai
- ✓ DDR4-SDRAM 4 DIMM Maksimali vidinė atmintis: 128 GB
- ✓ HDD & SSD M.2, PCI Express 3.0, PCI Express 4.0, SATA III RAID palaikymas Palaikomų saugojimo tvarkyklių skaičius: 6
- ✓ BIOS tipas: UEFI AMI 256 Mbit CMOS jutiklio valymo jungė
- ✓ 2.5 Gigabit Ethernet „Wi-Fi“ Wi-Fi 6 (802.11ax) Bluetooth 5.2









Aprašymas

DURABLE. STABLE. RELIABLE.
TUF Gaming B550M-Plus WIFI II distills essential elements of the latest AMD platform and combines them with game-ready features and proven

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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durability. Engineered with military-grade components, an upgraded power solution and a comprehensive set of cooling options, this motherboard delivers rock-solid performance with unwavering gaming stability.

When you build with a TUF Gaming motherboard, you also benefit from the TUF Gaming Alliance — an ASUS collaboration with trusted industry partners that ensures easier building, best compatibility, and complementary aesthetics from components to case.

ROCK-SOLID PERFORMANCE

With upgraded power delivery and comprehensive cooling options to fuel the latest AMD Ryzen CPUs, plus support for faster memory and storage, TUF Gaming B550M-Plus WIFI II is the perfect foundation for your next high-core-count battle rig.

Power Design

DrMOS

The onboard VRM of TUF Gaming B550M-Plus WIFI II utilizes 8+2 DrMOS power stages that combine high-side and low-side MOSFETs and driver into a single package, delivering the power and efficiency that AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Processors demand.

Stack Cool 3+

2-ounce copper layers draw heat away from critical components to keep them at their optimal operating temperatures and provide more headroom to push CPUs beyond stock speeds.

ProCool Socket

ENHANCED 8-PIN CONNETOR

- Extreme durability
- Prevent hotspots and connector failure

Compared with traditional power inputs, ProCool sockets are built to tight specifications to ensure flush contact with PSU power lines. The resulting lower impedance helps to prevent hotspots and connector failure.

TUF COMPONENTS

TUF CHOKES

Certified military-grade TUF chokes deliver rock-steady power to the CPU, improving system stability.

TUF CAPACITORS

Proprietary capacitors provide up to 20% greater temperature tolerance and 5X-longer lifespan.

Digi+ VRM

The integrated DIGI+ VRM voltage-regulator module (VRM) is one of the finest in the industry, ensuring ultra-smooth and ultra-clean power delivery to the CPU at all times.

EASY PC DIY

TUF Gaming motherboards are designed to be easy to set up and configure just the way you want — even for first-time builders. The TUF Gaming Alliance ecosystem makes selecting compatible parts easy, while Armoury Crate software offers full control of system settings via a single dashboard. TUF Gaming motherboards give you everything you need to build your dream gaming rig without adding complexity.

TUF PROTECTION

SafeSlot

SafeSlot is the PCIe slot reinvented by ASUS and engineered to provide superior retention and shearing resistance. Manufactured via a new insert-molding process, SafeSlot integrates fortifying metal for an inherently stronger slot, which is then firmly anchored to the PCB through additional solder points.

ESD guards

ESD Guards prolong the life of components while preventing damage from electrostatic discharge, providing protection for up to +/- 10 kV of air discharge and +/- 6 kV of contact discharge — greatly surpassing the respective industry standards of +/- 6 kV and +/- 4 kV.

KEYBOARDS AND MOUSE CONNECTORS

Additional on-circuit ESD transient-voltage-suppression.

VGA PROTECTION

Additional on-circuit ESD TVS diodes to protect VGA output functionality.

USB CONNECTORS

TVS diode for surface-mount and dual in-line package.

TUF LANGuard

TUF LANGuard is a military-grade innovation that integrates advanced signal-coupling technology and premium surface-mounted capacitors to improve throughput, protecting the motherboard from lightning strikes and static electricity.

DRAM overvoltage protection

Onboard resettable fuses prevent overcurrent and short-circuit damage. This extends beyond I/O ports to DRAM to safeguard the lifespan of your system and connected devices.

Stainless-steel back I/O panel

TUF Gaming motherboards have a corrosion-resistant stainless-steel back I/O panel bonded with chromium oxide to provide a 3X-longer lifespan versus traditional panels. With this protective feature, TUF Gaming motherboards passed 72-hour salt fog testing, while other brands only passed 24-hour testing.

EASY CONFIGURATION

BIOS FlashBack™

BIOS FlashBack™ is the simplest and safest (UEFI) BIOS update method. Simply drop the (UEFI) BIOS file onto a FAT32 formatted USB stick, plug it into the USB BIOS FlashBack™ port and press the button. Updates can even be performed without having memory or a CPU installed.

Armoury Crate

Armoury Crate is a new software utility designed to give you centralized control of supported gaming products. From a single intuitive interface, Armoury Crate lets you easily customize RGB lighting and effects for every compatible device in your arsenal and synchronize them with Aura Sync for unified system lighting effects. You can also turn on the Two-Way AI Noise Cancelation function for crystal-clear in-game voice communication. The software also provides control of settings for a select and growing number of products, including keyboard and mouse preferences as well as laptop overclocking and fan speeds, making it easier to tune the look and feel of your system. Armoury Crate even features dedicated product registration and news areas to help you stay in touch with the gaming community.

IMMERSIVE GAMING

TUF Gaming B550M-Plus WIFI II provides a complete, high-performance gaming package with a long list of features to improve your experience, including ultrafast networking for smoother online gameplay, pristine audio with positional cues for FPS gaming, and onboard RGB lighting that syncs with attached accessories to help you create a personalized gaming atmosphere.

WiFi 6

The WiFi 6 module is compatible with the 802.11ax standard and pushes theoretical peak bandwidth up to an incredible 2.4 Gbps. Perhaps more importantly for power users, it's optimized for more efficient operation on crowded networks with a lot of competing traffic. Pair your motherboard with ASUS WiFi 6 routers to fully experience the networking potential of WiFi 6.

EXCLUSIVE 2.5 GIGABIT ETHERNET

2.5G on-board Ethernet kicks your LAN connection up a notch with an up to 2.5X bandwidth improvement. Using your existing LAN cable, you can take advantage this networking upgrade to experience smoother, lag-free gaming, immediately stream high-resolution videos and enjoy faster file transfers.

MyASUS

MyASUS offers a variety of support features to help you contact customer service, troubleshoot issues and optimize product performance. You can also use MyASUS to enable the WiFi SmartConnect function to automatically connect to the wireless router with the best signal.

TWO-WAY AI NOISE CANCELATION

Two-way AI noise cancelation software is exclusively featured on ASUS motherboards and supports 3.5 mm, USB, or Bluetooth headsets. The utility leverages a massive deep-learning database to preserve the sound of your voice while eliminating distracting keyboard clatter, mouse clicks, and other forms of environmental noise. And it only places a slight load on the CPU, ensuring minimal impact on gaming performance.

Gaming audio

DTS® Custom for gaming headsets

Hone your battle skills with exclusive DTS® Custom onboard audio. Utilizing advanced emulation techniques to create positional cues via stereo headphones, DTS® Custom takes onboard audio to a new frontier. With three presets — Aerial, Soundscape, and Tactical — for different genres, you'll have a distinct advantage in every game.

AERIAL MODE

Experience audio as though hovering above the game world, with sound coming from ahead — perfect for MOBA, RTA, strategy and sports titles!

SOUNDSCAPE MODE

The ideal audio envelope for MMO, RPG, action and horror games — your ears will put you in the center of the action!

TACTICAL MODE

Shhh — is that an enemy just around the corner? DTS Custom emphasises detail for stealthy play, so you'll detect and locate every footstep!

Outshine the Competition

A well-tuned system deserves a matching aesthetic. ASUS Aura offers full RGB lighting control with a variety of functional presets for the built-in RGB LEDs as well as strips connected to the onboard RGB headers. And it can all be synced with an ever-growing portfolio of Aura-capable hardware.

Addressable Gen 2 Header

The addressable Gen 2 header is now capable of detecting the number of LEDs on second-gen addressable RGB devices, allowing the software to automatically tailor lighting effects to specific devices. The new header also offers backward-compatibility with existing Aura RGB gear.

Techninė specifikacija

Procesorius

Procesoriaus gamintojas	AMD
Procesoriaus lizdas	AM4 lizdas
Procesorių suderinamumas	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series
Palaikomi procesoriaus lizdai	AM4 lizdas

Atmintis

Palaikomi atminties tipai	DDR4-SDRAM
Atminties angų skaičius	4
Maksimali vidinė atmintis	128 GB
Atminties angų tipas	DIMM
Atminties kanalai	Dviejų kanalų
ECC suderinamumas	ECC
Palaikomi atminties laikrodžio greičiai	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,3866,4000,4133,4200,4266,4333,4400,4466,4600,4800,4866 MHz
Nebuferizuota atmintis	Taip

Duomenų laikymo valdikliai

Palaikomi saugojimo kaupiklių sąsajos	M.2, PCI Express 3.0, PCI Express 4.0, SATA III
Palaikomi saugojimo kaupiklių tipai	HDD & SSD
Palaikomų saugojimo tvarkyklių skaičius	6
RAID palaikymas	Taip
RAID lygiai	0, 1, 10

Grafika

Paralelinio apdorojimo technologijos parama	Nepalaikomas
Maksimali rezoliucija	3840 x 2160 pikseliai

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Vidinis I/O	
USB 2.0 jungtys	2
USB 3.2 (3.1 1 kart.) jungtys	1
USB 3.2 (3.1 2 kart.) jungtys	0
SATA III jungčių skaičius	4
Priekinio skydelio audio jungtis	Taip
ATX maitinimo jungtis	Taip
CPU fan jungtis	Taip
Šasi fenų jungčių skaičius	2
EPS maitinimo jungtis (8-kaisčiai)	Taip
COM jungčių skaičius	1
TPM jungtis	Taip
12 V maitinimo jungtis	Taip
RGB LED kontaktų pagrindas	Taip

Galinė panelė I/O jungtys	
USB 2.0 portų kiekis	2
USB 3.2 (3.1 1 kart.) A tipo prievadų skaičius	4
USB 3.2 (3.1 1 kart.) C tipo prievadų skaičius	0
USB 3.2 2 kart. (3.1 2 kart.) A tipo prievadų skaičius	1
USB 3.2 2 kart. (3.1 2 kart.) C tipo prievadų skaičius	1
Ethernet LAN (RJ-45) portų kiekis	1
VGA (D-Sub) portų kiekis	0

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HDMI portų kiekis	1
DVI-D prievadų skaičius	0
PS/2 portų kiekis	1
HDMI versija	2.1
„DisplayPort“ kiekis	1
„DisplayPort“ versija	1.2
Ausinių išvestys	5
Mikrofonas, line-in jack	Taip
S/PDIF out portas	Taip
WiFi-AP antenos lizdas	1
USB jungtis	USB A tipo, C tipo USB

Tinklas

„Wi-Fi“	Taip
Ethernet LAN jungtis	Taip
Eterneto sąsajos tipas	2.5 Gigabit Ethernet
Wake-on-LAN pasirengimas	Taip
„Wi-Fi“ standartas	Wi-Fi 6 (802.11ax)
Wi-Fi standartai	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth	Taip
Bluetooth versija	5.2

Savybės

Taikoma	PC
Motininės plokštės formos faktorius	„micro ATX“
Motininės plokštės sisteminio valdiklio šeima	AMD
Pagrindinės plokštės lustas	AMD B550
Garso išvesties kanalai	7.1 kanalai

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Palaikomos „Windows“ operacinės sistemos	Windows 10 x64, Windows 11

Plėtotės lizdas

PCI „Express“ x1 (3.x kart.) angos	1
PCI „Express“ x16 (3.x kart.) angos	1
„PCI Express x16“ (4 kartos) lizdai	1
M.2 (M) angų skaičius	2

BIOS

BIOS tipas	UEFI AMI
BIOS atminties dydis	256 Mbit
CMOS jutiklio valymo jungė	Taip

Logistikos duomenys

Darniosios sistemos (DS) kodas	84733020

Svoris ir matmenys

Plotis	244 mm
Ilgis	244 mm
Aukštis	67 mm

Pakuotės turinys

Pridėti kabeliai	SATA
Tvarkyklės įskaitytos	Taip

Kitos savybės

Svoris	845 g

Matmenys ir svoris

Matmenys (I × P × A)	28,00cm × 28,00cm × 7,00cm

Dokumentai ir vaizdo įrašai

› Naudojimo instrukcija

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Gamintojo ir saugos informacija

GAMINTOJAS

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asus.com

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