

ASUS TUF GAMING B550-PRO AMD B550 Socket AM4 ATX

Gamintojas: **ASUS** · Modelis: **90MB17R0-M0EAY0** · EAN: **4711081033721** · Prekės kodas: **26459**



168,90 €

Kaina su PVM

Be PVM: **139,59 €**

Neturime

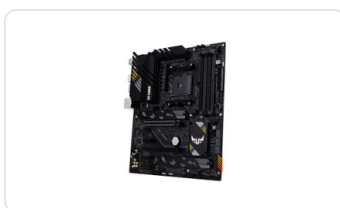
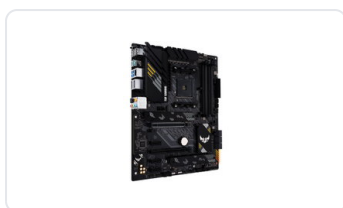
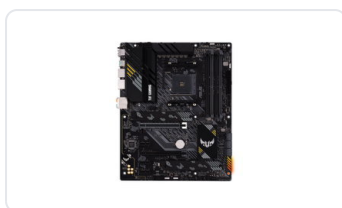


Prekė internetu

Nuskuokite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ AMD AM4 socket: Ready for AMD Ryzen™ 5000 Series/ 4000 G-Series/ 3000 Series desktop processors
- ✓ Enhanced power solution: 12+2 DrMOS power stages, 8+4 pin ProCool sockets, military-grade TUF components, and Digi+ VRM for maximum durability
- ✓ Comprehensive cooling: VRM heatsink, PCH fanless heatsink, dual M.2 heatsink, hybrid fan headers and Fan Xpert 4 utility
- ✓ Next-gen connectivity: PCIe 4.0 M.2, Front USB Type-C®, USB 3.2 Gen 2 Type-A and Type-C® support
- ✓ Made for online gaming: 2.5 Gb Ethernet, TUF LANGuard, and Turbo LAN technology
- ✓ Realtek S1200A codec: Pristine audio quality with unprecedented 108 dB signal-to-noise ratio for stereo line out and 103 dB SNR for line in
- ✓ Two-Way AI Noise Cancelation: Provides crystal-clear in-game voice communication



Aprašymas

DURABLE. STABLE. RELIABLE.

TUF GAMING B550-PRO distills essential elements of the latest AMD platform and combines them with game-ready features and proven 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 B550-PRO is the perfect foundation for your next high-core-count battle rig.

Power Design

DrMOS

The onboard VRM of TUF Gaming B550-PRO utilizes 12+2 DrMOS power stages that combine high-side and low-side MOSFETs and drivers into a single package, delivering the power and efficiency that AMD Ryzen™ 5000 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 + 4-PIN CONNECTOR

- 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.

Build with confidence

TUF Gaming Alliance is a collaboration between ASUS and trusted PC-component brands to ensure compatibility with a wide range of parts, such as PC cases, power supplies, CPU coolers, memory kits and more. With more partnerships and components being added regularly, the TUF Gaming Alliance will continue to grow even stronger.

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.

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.

IMMERSIVE GAMING

TUF Gaming B550-PRO 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.

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.

Turbo LAN

NETWORK-OPTIMIZATION SOFTWARE FOR CUSTOMIZABLE PACKET PRIORITIZATION

Turbo LAN is a network-optimization software for customizable packet prioritization. With cFosSpeed traffic-shaping technology, it allows you to configure application priority via an intuitive interface, and reduces network lag.

1. ONE CLICK TURBO

Adjust the network transmission priority by one click!

2. AUTO DETECT GAME LIST

Turbo Lan will detect every game in system, and add in list automatically.

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.

Exclusive Realtek codec

Realtek S1200A

TUF GAMING AUDIO COVER

Effective shielding preserves the integrity of audio signals to ensure best quality.

HIGH-DEFINITION AUDIO

Premium Japanese audio capacitors provide warm, natural, and immersive sound.

EXCLUSIVE S1200A CODEC

ASUS-exclusive codec delivers an expansive soundstage and dynamic sound.

AUDIO SHIELDING

Separates analog/digital signal domains, significantly reducing multi-lateral interference.

Signal-to-noise ratio

PRISTINE AUDIO

The unique audio codec designed in close collaboration with Realtek for TUF Gaming B550M series motherboards features an unprecedented 108 dB signal-to-noise ratio for the stereo line out and a 103dB SNR for the line in, providing pristine audio quality.

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!

Techninė specifikacija

Specifications	
Sandėlio grupė	Mainboard > Socket AM4 [+4][-0]
Processor	
Processor manufacturer	AMD
Processor socket	Socket AM4
Compatible processor series	AMD Athlon, AMD Ryzen 3000 Series
Supported processor sockets	Socket AM4
Memory	
Supported memory types	DDR4-SDRAM
Number of memory slots	4
Maximum internal memory	128 GB
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3466,3600,3733,3866,4000,4133,4266,4333,4400,4600 MHz
Unbuffered memory	Yes
Storage controllers	

Supported storage drive interfaces	M.2, SATA III
Supported storage drive types	HDD & SSD
Number of storage drives supported	8
RAID levels	0, 1, 10

Graphics

Parallel processing technology support	2-Way CrossFireX
Maximum resolution	3840 x 2160 pixels

Internal I/O

USB 2.0 connectors	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors	2
USB 3.2 Gen 2 (3.1 Gen 2) connectors	0
Number of SATA III connectors	6
Number of SATA II connectors	0
Number of Parallel ATA connectors	0
Front panel audio connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of chassis fan connectors	3
Peripheral (Molex) power connectors (4-pin)	1
EPS power connector (8-pin)	Yes
Number of COM connectors	1
TPM connector	Yes
Thunderbolt headers	1
12V power connector	Yes
RGB LED pin header	Yes

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	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

eSATA ports quantity	0
PS/2 ports quantity	0
Firewire (IEEE 1394) ports	0
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone outputs	5
Microphone in	Yes
S/PDIF out port	Yes
USB connector type	USB Type-A, USB Type-C
Network	
Wi-Fi	No
Ethernet LAN	Yes
Ethernet interface type	2.5 Gigabit Ethernet
LAN controller	Realtek RTL8125B
Wake-on-LAN ready	Yes
Features	
Component for	PC
Motherboard form factor	ATX
Motherboard chipset family	AMD
Motherboard chipset	AMD B550
Audio output channels	7.1 channels
Audio chip	Realtek ALC S1200A
Windows operating systems supported	Windows 10 x64
Expansion slots	
PCI Express x1 (Gen 3.x) slots	3
PCI Express x16 (Gen 3.x) slots	2
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	3
BIOS	
BIOS type	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS jumper	Yes
Logistics data	

Harmonized System (HS) code	84733020
Weight & dimensions	
Width	305 mm
Depth	244 mm
Height	68 mm
Packaging content	
Cables included	SATA
Drivers included	Yes
Other features	
Weight	1.01 kg
Matmenys ir svoris	
Matmenys (l × P × A)	0,00cm × 24,00cm × 31,00cm