ASUS ROG STRIX B650E-E GAMING WIFI AMD B650 AM5 lizdas ATX

Gamintojas: **ASUS** · Modelis: **90MB1BB0-M0EAY0** · EAN: **4711081906209** · Prekės kodas: **433550**



308,90 €

Kaina su PVM

Be PVM: **255,29 €**

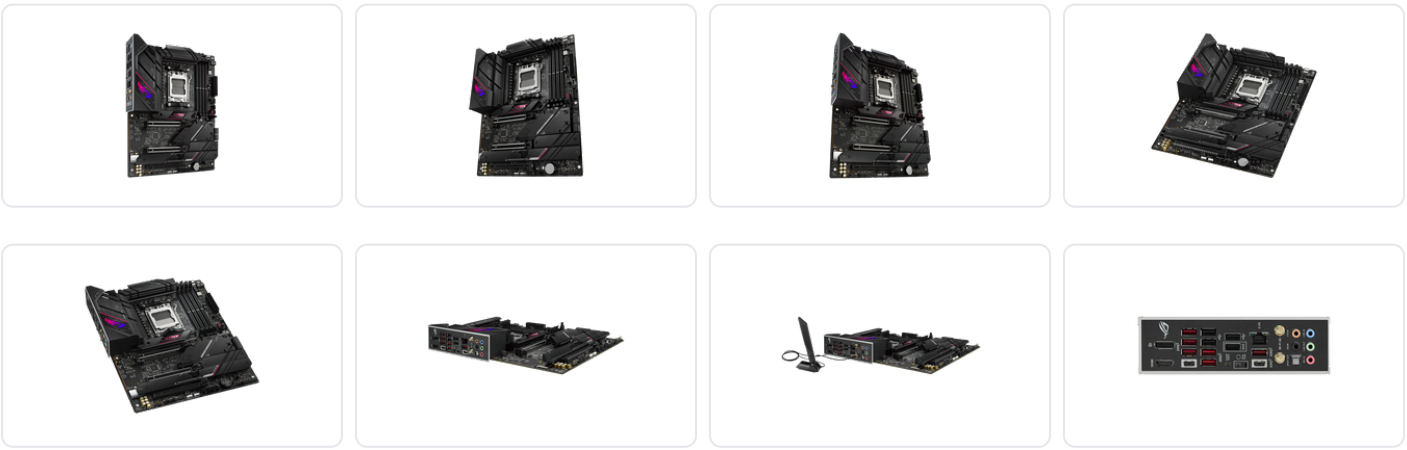
Sandėlyje

Prekė internetu

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Pagrindinės savybės

- ✓ AMD AM5 lizdas AMD Ryzen 7000 Series
- ✓ PC ATX AMD B650 Realtek ALC4080 7.1 kanalai
- ✓ DDR5-SDRAM 4 DIMM Maksimali vidinė atmintis: 128 GB
- ✓ HDD & SSD M.2, SATA III RAID palaikymas Palaikomų saugojimo tvarkyklių skaičius: 8
- ✓ BIOS tipas: UEFI AMI 256 Mbit CMOS jutiklio valymo mygtukas
- ✓ 2.5 Gigabit Ethernet „Wi-Fi“ Wi-Fi 6E (802.11ax) Bluetooth 5.2



Aprašymas

Take your build from B-tier to S with the Strix B650E-E! PCIe 5.0 and DDR5 propel your rig into the future, and innovative Q-Design features make system setup a breeze. All of its perks are backed by a tenacious power solution, hefty heatsinks, and exclusive overclocking technologies to drive you to the next level with Ryzen 7000.

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.

DIY-FRIENDLY FEATURES

PCIE® SLOT Q-RELEASE

A physical button unlocks the first PCIe slot’s security latch with one press, greatly simplifying the process of detaching a PCIe card from the motherboard when it’s time to upgrade to a new GPU or other compatible device.

M.2 Q-LATCH

The innovative Q-Latch makes it easy to install or remove an M.2 SSD without the need for specific tools. The design employs a simple locking mechanism to secure the drive and neatly eliminate traditional screws.

CLEAR CMOS

The Clear CMOS button quickly resets BIOS settings to factory default. It can also be used to reboot the PC if incorrect BIOS settings have been selected.

BIOS FLASHBACK BUTTON

BIOS FlashBack™ is a safe and simple way to update BIOS. Just 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.

Q-CODE LED PANEL

The on-board LED panel shows 2-digit diagnostic codes, providing a valuable reference for troubleshooting common boot problems and hardware issues.

ALL-ROUND PERFORMANCE

With its jacked up power solution, beefy VRM heatsinks, and incredible throughput to connected components, the ROG Strix B650E-E goes toe-to-toe with the greatest that Ryzen 7000 can offer.

Fully embracing the new standard, the Strix B650E-E offers abundant PCIe 5.0 support to give unfettered bandwidth to the fastest SSDs and graphics cards available. Both of the x16 expansion slots are Gen 5-ready, and are protected with SafeSlot retention brackets. Two of the onboard M.2 slots are geared for blistering 16 GB/s read and write speeds courtesy of their PCIe 5.0 interfaces, while the accompanying 4.0 pair deliver still-impressive 8 GB/s transfers. And all of the M.2 slots are covered with substantial heatsinks to dispatch the heat of next-gen drives.

Lightly-threaded tasks get fantastic uplift using AMD Precision Boost Overdrive (PBO), but all-core frequencies can be pushed higher via traditional overclocking. The Dynamic OC Switcher automatically engages PBO or your preferred settings based on the CPU current or temperature, giving you the best of both worlds. Core Flex and PBO Enhancement can also be deployed to work in tandem with the Dynamic OC Switcher and further bolster performance.

Core Flex empowers you to smash limits farther than ever before by letting you control current, power, and thermals in creative new ways. In its simplest form, you can let your system run unrestricted during lighter loads and set breakpoints to gradually reduce power consumption as temperature increases. But the system is extremely adaptable, supporting multiple user-controlled functions that can manipulate parameters independently so that you can bend CPU performance to your will.

PBO ENHANCEMENT

AMD Precision Boost Overdrive (PBO) pushes the CPU current and voltage budget to opportunistically increase performance. By aggressively tuning the PBO parameters, AMD’s algorithm can leverage the motherboard’s robust power solution to ramp up performance even higher.

POWER ARCHITECTURE

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16 + 2 power stages rated to 70A each deliver ample current in order to drive Ryzen 7000 through any workload with ease.

ALLOY CHOKES AND DURABLE CAPACITORS

Hi-end chokes and durable capacitors are engineered to resist extreme temperatures, enabling performance that exceeds industry standards.

EIGHT-LAYER PCB

A multi-layered printed circuit board design quickly dissipates heat around the voltage regulators to improve overall system stability and provide the CPU with more overclocking headroom.

For those who want to fly past stock DDR5 speeds, the ROG Strix B650E-E is primed and ready for enthusiast-grade kits courtesy of vast AMD EXtended Profiles for Overclocking (EXPO) support. Seasoned veterans can further tweak performance via the extensive array of settings in the UEFI.

ASUS Enhanced Memory Profile (AEMP) is an exclusive firmware feature for PMIC-restricted memory modules. AEMP automatically detects the memory chips on your kit and then presents optimized profiles with higher frequency and tighter timings that you can effortlessly apply to unleash performance.

VRM HEATSINK ARRAY

Covering the power solution are two thick heatsinks with strategic airflow channels for increased heat dissipation while powering high-performance Ryzen 7000 Series processors.

HIGH-CONDUCTIVITY THERMAL PADS

High-quality thermal pads are utilized between power stages and heatsinks, helping to improve heat transfer and reduce VRM operating temperatures.

M.2 HEATSINKS

Heatsinks cover every slot to help keep onboard NVME SSDs at optimal temperatures for consistent performance and reliability.

CPU FAN HEADERS

A dedicated pair of PWM/DC fan headers provides easy access to CPU coolers.

AIO PUMP FAN HEADER

A dedicated PWM/DC header connects self-contained water-cooling setups.

4-PIN FAN HEADERS

The Strix B650E-E features five fan headers, each supporting auto-detection of PWM or DC fans.

LEADING CONNECTIVITY

Backing up its core performance, the ROG Strix B650E-E packs superfast WiFi and tethered networking, as well as immersive audio courtesy of its enhanced SupremeFX solution.

WIFI 6E

Onboard WiFi 6E technology takes advantage of newly available spectrum in the 6 GHz band to provide up to seven 160 MHz channels for ultrafast throughput and better performance in dense wireless environments.

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*WiFi 6E availability and features are dependent on regulatory limitations and co-existence with 5 GHz WiFi.

Intel 2.5G Ethernet

Low-latency gaming, speedy file transfers, and high-resolution video streaming are among the many perks of onboard Intel® 2.5 Gbps Ethernet.

SUPREMEFX

ROG SupremeFX is a unique blend of hardware and software technologies that provide superior audio. The Strix B650E-E implementation features the ALC4080 codec for high-resolution playback up to 32-bit/384 kHz across all channels. Front-panel output is streamed through the integrated Savitech amplifier that can drive high-fidelity acoustics to a wide variety of speakers and headsets.

PLAY IN STYLE

A black PCB and heatsinks match most hardware, and customizable RGB lighting furthers its flexibility. Pair the Strix B650E-E with other products from the diverse ROG ecosystem to create a fully customized gaming setup that reflects your personal style.

UNDENIABLY ROG STRIX

Bold and elegant, the ROG Strix B650E-E bears a premium aesthetic similar to the Electro Punk peripheral series. Black shrouds cover the SSDs and chipset with contrasting powder-coated and brushed metal textures, and playful pink accents draw the gaze around the board. The I/O shroud is emblazoned with a split image of the ROG eye, the center of which can shine with a splash of customizable RGB.

OUTSHINE THE COMPETITION

ROG Strix motherboards feature ASUS Aura technology, enabling full lighting control and a variety of presets for both onboard RGB LEDs and third-party accessories. Effects can be easily synced across compatible ROG graphics cards, monitors, keyboards, and mice to give your setup a unified look.

COOLER COMPATIBILITY

The ROG Strix B650E-E bears the same mounting hole alignment as AM4 platforms, so it is backward compatible with many existing coolers, including all AIO offerings from ASUS and ROG.

THE ROG STRIX ECOSYSTEM AWAITS

Level up your game with ROG Strix. Enjoy complementary aesthetics, control, and compatibility across AIO coolers, cases, peripherals, and much more. ROG offers more choices than any other brand.

SOFTWARE UTILITIES

A myriad of ROG-exclusive tools put advanced system tuning and configuration at your fingertips.

TWO-WAY AI NOISE CANCELATION

This utility leverages a massive deep-learning database to reduce over 5 million types of background noise from incoming or outgoing audio, helping ensure crystal-clear communication in games or calls.

AI NETWORKING

GameFirst VI optimizes networking performance by allocating bandwidth in real time based on application usage scenarios and corresponding learning algorithms.

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The renowned ROG UEFI (BIOS) provides everything you need to configure, tweak, and tune your rig. It offers intelligently simplified options for newcomers to PC DIY, as well as more comprehensive features for seasoned veterans.

When you’re ready for a deeper dive, delve into the UEFI’s Advanced mode and take complete control. Advanced mode enables full control over every aspect of the motherboard, and a built-in search function helps you quickly find the setting you need.

Designed to simplify setup, EZ mode presents vital settings and stats on a single page. With guided wizards, drag-and-drop functionality, and one-click application of important settings, your rig will be up and running in no time.

The dashboard-style control panel of AI Suite 3 lets you fine-tune your system with ease. Get the best balance between performance, cooling, stability, and efficiency via simple and intuitive interfaces.

The TurboV Processing Unit (TPU) is an intelligent onboard micro-controller that provides an array of system-tuning features, including the ability to fine-tune voltages, monitor system stats and adjust overclocking parameters.

The Digi+ voltage-regulator module (VRM) delivers real-time control over voltage droop, switching frequency and power-efficiency settings, allowing you to fine-tune CPU voltage regulation for ultimate stability and performance.

Modern processors feature per-core tuning, and the ASUS Turbo app makes use of this feature by letting you assign applications to specific processor cores, prioritizing computing power where it's needed most.

THIS CHANGES EVERYTHING.
FROM THIS NEW PLATFORM, YOU CAN SEE THE FUTURE
Build your next rig with an AMD Ryzen™ 7000 Series processor and ROG Strix B650E-E Gaming WiFi to experience advanced performance. With up to 16 “Zen 4” cores and 32 threads, boost clocks of up to 5.7GHz, and 80MB cache, the AMD Ryzen™ 7000 Series keeps you ahead of the game.1

You’ll also gain access to new features for gamers with AMD Socket AM5, from the speed of DDR5 memory to the increased bandwidth of PCIe® 5.0. AMD Ryzen™ 7000 Series processors and AMD socket AM5 motherboards are unlocked for overclocking to personalize your experience. Gain even more performance when you overclock your DDR5 memory with AMD EXPO™ technology.2

Techninė specifikacija

Procesorius	
Procesoriaus gamintojas	AMD
Procesoriaus lizdas	AM5 lizdas
Procesorių suderinamumas	AMD Ryzen 7000 Series
Palaikomi procesoriaus lizdai	AM5 lizdas
Atmintis	
Palaikomi atminties tipai	DDR5-SDRAM
Atminties angų skaičius	4
Maksimali vidinė atmintis	128 GB
Atminties angų tipas	DIMM
Atminties kanalai	Dviejų kanalų
ECC suderinamumas	EEB priklausančios ir nepriklausančios valstybės
Palaikomi atminties laikrodžio greičiai	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz
Palaikomas atmintinės taktinis dažnis (didžiausias)	6400 MHz
Nebuferizuota atmintis	Taip
Duomenų laikymo valdikliai	

Palaikomi saugojimo kaupiklių sąsajos	M.2, SATA III
Palaikomi saugojimo kaupiklių tipai	HDD & SSD
RAID palaikymas	Taip
RAID lygiai	0, 1, 10
Palaikomų saugojimo tvarkyklių skaičius	8
Grafika	
Paralelinio apdorojimo technologijos parama	Nepalaikomas
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	1
SATA III jungčių skaičius	4
Priekinio skydelio audio jungtis	Taip
ATX maitinimo jungtis	Taip
CPU fan jungtis	Taip
Šasi fenų jungčių skaičius	5
EPS maitinimo jungtis (8-kaisčiai)	Taip
„Thunderbolt“ kolektoriai	1
12 V maitinimo jungtis	Taip
RGB LED kontaktų pagrindas	Taip
Galinė panelė I/O jungtys	
USB 2.0 portų kiekis	4
USB 3.2 (3.1 1 kart.) A tipo prievadų skaičius	0
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	6
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
HDMI portų kiekis	1
DVI-D prievadų skaičius	0
USB 3.2 Gen 2x2 C tipo prievadų kiekis	1
HDMI versija	2.1
„DisplayPort“ kiekis	1
„DisplayPort“ versija	1.4
Ausinių išvestys	1

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Įvedimas	Taip
Mikrofonas, line-in jack	Taip
S/PDIF out portas	Taip
Tinklas	
„Wi-Fi“	Taip
Ethernet LAN jungtis	Taip
Eterneto sąsajos tipas	2.5 Gigabit Ethernet
„Wi-Fi“ standartas	Wi-Fi 6E (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), Wi-Fi 6E (802.11ax)
Bluetooth	Taip
Bluetooth versija	5.2
Savybės	
Taikoma	PC
Motininės plokštės formos faktorius	ATX
Motininės plokštės sisteminio valdiklio šeima	AMD
Pagrindinės plokštės lustas	AMD B650
Garso išvesties kanalai	7.1 kanalai
Garso lustas	Realtek ALC4080
Maitinimo šaltinio tipas	ATX
Palaikomos „Windows“ operacinės sistemos	Windows 10, Windows 11 x64
Plėtotės lizdas	
„PCI Express x16“ (4 kartos) lizdai	1
„PCI Express x16“ („Gen 5.x“) lizdai	2
M.2 (M) angų skaičius	4
BIOS	
BIOS tipas	UEFI AMI
BIOS atminties dydis	256 Mbit
CMOS jutiklio valymo mygtukas	Taip
Pakuotės duomenys	
Pakuotės plotis	343 mm
Pakuotės gylis	273 mm
Pakuotės aukštis	77 mm
Paketo svoris	2,44 kg

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Svoris ir matmenys	
Plotis	305 mm
Ilgis	244 mm
Pakuotės turinys	
Pridėti kabeliai	SATA
Naudojimo žinynas	Taip
Kitos savybės	
Grįžimo į BIOS (Back-to-BIOS) mygtukas	Taip
Matmenys ir svoris	
Matmenys (I × P × A)	5,00cm × 24,00cm × 31,00cm
Svoris	2,30kg

Dokumentai ir vaizdo įrašai

› Naudojimo instrukcija

Gamintojo ir saugos informacija

GAMINTOJAS

ASUSTeK Computer Inc
Li-Te Road 15, 112 Taipei, TW
asus.com

ATSAKINGAS ASMUO ES

ASUS France S.A.R.L.
Allee bienvenue 10, 93160 Paris, FR
channel.asus.com

PLATINTOJAS

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