

ASUS PRIME B650M-A WIFI II AMD B650 AM5 lizdas „micro ATX“

Gamintojas: **ASUS** · Modelis: **90MB1EG0-M0EAY0** · EAN: **4711387034934** · Prekės kodas: **721061**



214,90 €

Kaina su PVM

Be PVM: **177,60 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ AMD AM5 lizdas AMD Ryzen™ 7
- ✓ PC „micro ATX“ AMD B650 7.1 kanalai
- ✓ DDR5-SDRAM 4 DIMM Maksimali vidinė atmintis: 128 GB
- ✓ HDD & SSD M.2, PCI Express 4.0, PCI Express 5.0, SATA RAID palaikymas Palaikomų saugojimo tvarkyklių skaičius: 2
- ✓ BIOS tipas: UEFI AMI 256 Mbit CMOS jutiklio valymo mygtukas
- ✓ 2.5 Gigabit Ethernet „Wi-Fi“ Wi-Fi 6 (802.11ax) Bluetooth 5.2



Aprašymas

B650M-A WIFI II

ASUS Prime series motherboards are expertly engineered to unleash the full potential of AMD Ryzen 7000-series processors. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, PRIME B650M-A WIFI II provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features.

CPU Performance Boost

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.

All-Around Energy Efficiency

The Power Saving function contains several settings can easily optimize power consumption and maximize energy savings. You can enable a CPU power limit, darken Aura lighting, and set the fan profile to a power saving mode. You can also toggle the Power Saver plan that is built into Microsoft Windows.

Flexible Cooling Controls

ASUS Fan Xpert 2+ software provides comprehensive control over fans. An Auto-Tuning mode intelligently configures all parameters with a single click. There's also an Extreme Quiet mode that reduces chassis fan speeds to below the default minimum to keep your system whisper-quiet when performing light tasks. Fans can also be controlled via the UEFI BIOS.

Precise Digital Power Control

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

UEFI BIOS

The renowned ASUS UEFI BIOS provides everything you need to configure, tweak and tune your system. It offers intelligently simplified options for PC DIY beginners, as well as comprehensive features for seasoned veterans.

Advanced Tuning for Serious Tweakers

An intuitive Advanced mode offered via the UEFI lets you take complete control. A built-in search feature makes it easy to find options, and various advanced functions let you intelligently make nuanced adjustments so you can dial in performance just the way you want.

Quick and Simple Setup

EZ mode displays vital settings and stats and also offers guided wizards, drag-and-drop functionality, and one-click application of important settings — all to help you get your rig up and running in no time

Intuitive Graphical Fan Control

Fine-tune individual fan settings simply by dragging a curve with the mouse.

Aura On/Off Mode (Stealth)

Easily enable or disable Aura RGB lighting or every onboard LED, for a subdued aesthetic touch.

COOLING

PRIME B650 series is engineered with multiple onboard heatsinks and an array of hybrid fan headers to ensure your rig stays cool and stable under intense workloads.

VRM Heatsink and Thermal Pad

VRM heatsink and thermal pads improve heat transfer from the MOSFETs and chokes for better cooling performance.

Six-Layer PCB Design

Multiple PCB layers optimize heat management for critical components, providing more headroom to push CPUs beyond stock speeds.

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.

Cooler by Design

Prime B650 series features comprehensive cooling controls that are configurable via Fan Xpert 2+ software or via the UEFI BIOS.

Multiple Temperature Sources

Each header can dynamically reference three thermal sensors. Fan Xpert 2+ allows you to map the temperature of supported ASUS graphics cards to optimize cooling for GPU- and CPU-intensive tasks.

Smart Protection

A dedicated integrated circuit protects each fan header from overheating and overcurrent

4-Pin PWM/DC Fan

Each onboard header supports auto-detection of PWM or DC fans.

PERFORMANCE

The PRIME B650 series is built to handle the high core counts and bandwidth demands of AMD processors. ASUS B650 motherboard provides all the fundamentals to boost daily productivity, so your system will be ready for action with stable power, intuitive cooling and flexible data transfer options

DDR5 Performance Enhancement

Comprehensive memory tuning options are the cornerstone of PRIME motherboards. With the PRIME B650M-A WIFI II, you can extract all of the potential out of your DDR5 modules, whether they're from an extreme-speed kit or an entry-level set that would otherwise be locked.

For entry-level modules without EXPO™ memory support, we've got you covered. Click here to learn more about AEMP. arrow.

For those who want to fly past stock DDR5 speeds, the PRIME B650M-A WIFI II 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

Techninė specifikacija

Procesorius

Procesoriaus gamintojas

AMD

Procesoriaus lizdas	AM5 lizdas
Procesorių suderinamumas	AMD Ryzen™ 7
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
Nebuferizuota atmintis	Taip
Duomenų laikymo valdikliai	
Palaikomi saugojimo kaupiklių sąsajos	M.2, PCI Express 4.0, PCI Express 5.0, SATA
Palaikomi saugojimo kaupiklių tipai	HDD & SSD
Palaikomų kietųjų diskų skaičius	4
Palaikomų saugojimo tvarkyklių skaičius	2
RAID palaikymas	Taip
RAID lygiai	0, 1, 10
Vidinis I/O	
USB 2.0 jungtys	2
USB 3.2 (3.1 1 kart.) jungtys	2
USB 3.2 (3.1 2 kart.) jungtys	0
SATA III jungčių skaičius	0
SATA jungčių skaičius	4
Bendras SATA jungčių skaičius	4
S/PDIF out jungtis	Taip
Garso jungtis	Taip
Priekinės plokštės jungtis	Taip
ATX maitinimo jungtis	Taip
Galios ventiliatorių jungtis	Taip
CPU fan jungtis	Taip
Šasi fėnų jungčių skaičius	3
Periferinė (Molex) galios jungtis (4-pin)	4
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	4
USB 3.2 (3.1 1 kart.) A tipo prievadų skaičius	2
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	2
USB 3.2 2 kart. (3.1 2 kart.) C tipo prievadų skaičius	0
Ethernet LAN (RJ-45) portų kiekis	1
VGA (D-Sub) portų kiekis	1
HDMI portų kiekis	1
DVI-D prievadų skaičius	0
„DisplayPort“ kiekis	1
Ausinių išvestys	1
Išvedimas	Taip
Mikrofonas, line-in jack	Taip
USB jungtis	USB A tipo
Tinklas	
„Wi-Fi“	Taip
Ethernet LAN jungtis	Taip
Eterneto sąsajos tipas	2.5 Gigabit Ethernet
„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 B650
Garso išvesties kanalai	7.1 kanalai
Maitinimo šaltinio tipas	ATX
Palaikomos „Windows“ operacinės sistemos	Windows 10, Windows 11

Plėtotės lizdas

„PCI Express x16“ (4 kartos) lizdai	3
M.2 (M) angų skaičius	2

BIOS

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

Svoris ir matmenys

Plotis	244 mm
Ilgis	244 mm

Pakuotės turinys

Pridėti kabeliai	SATA
Siejama programinė įranga	ASUS Exclusive Software Armoury Crate - Aura Creator - Aura Sync - Fan Xpert 2+ - Power Saving AI Suite 3 - TurboV EVO - DIGI+ VRM - PC Cleaner ASUS CPU-Z MyASUS Norton Anti-virus software (Free Trial version) WinRAR UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode

Kitos savybės

Audio išeiga	Realtek 7.1 Surround Sound High Definition Audio CODEC* - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - Supports up to 24-Bit/192 kHz playback Audio Features - Audio Shielding - Premium audio capacitors - Dedicated audio PCB layers * A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.
Specialios funkcijos	Total supports 2 x M.2 slots and 4 x SATA 6Gb/s ports* AMD Ryzen[™] 7000 Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode) AMD B650 Chipset M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) 4 x SATA 6Gb/s ports * AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/10 and SATA RAID 0/1/10.
Grafikos išvestis	1 x DisplayPort** 1 x VGA port 1 x HDMI[®] port*** * Graphics specifications may vary between CPU types. Please refer to AMD CPU specifications. ** Supports max. 8K@60Hz as specified in DisplayPort 1.4. *** Supports 4K@60Hz as specified in HDMI[®] 2.1.

Matmenys ir svoris

Matmenys (I × P × A)	24,00cm × 24,00cm × 5,00cm
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Dokumentai ir vaizdo įrašai

- › Naudojimo instrukcija
- › Greitos pradžios vadovas

Gamintojo ir saugos informacija

GAMINTOJAS

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