

ASUS ROG STRIX B850-I GAMING WIFI AMD B850 Socket AM5 mini ITX

Model: 90MB1K30-M0EAY0

Manufacturer: ASUS

EAN: 4711387823620

Product Code: 1616504

R7,400

The ROG Strix B850-I Gaming WiFi integrates cutting-edge technology into a sleek mini-ITX form factor. It features PCIe® 5.0 slots for graphics and storage, dual-channel DDR5 slots and robust power delivery for top-tier gaming and heavy workloads. Meanwhile, advanced cooling solutions maintain peak performance, and WiFi 7 ensures ultra-fast connectivity. This platform delivers the power and connectivity that advanced AI PC applications demand.

ASUS AI INTELLIGENCE

ASUS AI ADVISOR

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Using AI technology to understand natural-language questions or scenario descriptions, ASUS AI Advisor allows users to explore the functionality and advanced features of ASUS motherboards in a simple and straightforward way.
*Availability of ASUS AI Advisor may vary by region.
**AI Advisor functions may vary by platform.

AI OVERCLOCKING

ASUS AI Overclocking profiles the CPU and cooling to predict the optimal configuration and push the system to its limits.

AI NETWORKING II

AI Networking II combines intelligent technologies to continuously optimize network performance, provide trustworthy and seamless connectivity, and unleash the full speed of WiFi 7*.
*Features may vary by model.

OVERCLOCKING

Dynamic OC Switcher

Dynamic OC Switcher maximizes CPU performance by letting you set current and temperature thresholds to automatically switch between a manual overlock for heavy multithreaded workloads and Precision Boost Overdrive for single-threaded tasks. The latest Overclocking Load Guard has an enhanced instantaneous current protection mechanism to prevent users from experiencing system crashes during overclocking.

Core Flex

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

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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.

MEMORY

DDR5 DOMINATION

The Strix B850-I is primed and ready for enthusiast-grade kits courtesy of vast AMD Extended Profiles for Overclocking (EXPO) support.

AEMP

ASUS Enhanced Memory Profile (AEMP) is an exclusive firmware feature for PMIC-restricted memory modules.

ROG STRIX ULTIMATE POWER DESIGN

10(70A)+2(70A)+1 Power Stages

PLAY IN STYLE

UNDENIABLY ROG STRIX

The I/O shield and M.2 heatsink feature a perforated metal mesh that can either reflect the glow of internal RGB components or blend seamlessly into the shadows of a stealthy build. The cyber-style text and sharp, angular details firmly establish this motherboard as a member of the ROG Strix family.

BUILD FOR THE MOST ADVANCED PC FOR GAMING AND CREATING

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When only the fastest will do, a Strix B850 motherboard delivers. With USB 20Gbps Type-C® onboard along with robust overclocking[1] capabilities, featuring faster dual-channel DDR5 memory support, AMD EXPO™ technology and PCIe® 5.0 support for both graphics and NVMe, you can play the most demanding games and deliver your biggest projects with the revolutionary performance of an AMD 800-series motherboard and AMD Ryzen™ 9000, 8000, and 7000 Series processors.

Dare to Be Green

We at the Republic of Gamers are on a mission to create a sustainable future where all gamers can flourish on the planet we call home.

Every step counts, and as part of ROG’s commitment to creating a more sustainable future, ROG has begun to utilize post-consumer recycled (PCR) plastic and paper materials certified by the Forest Stewardship Council (FSC™) in the packaging of motherboard.

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