ASUS ROG STRIX B850-F GAMING WIFI AMD B850 Socket AM5 ATX

Model: 90MB1J70-M0EAY0

Manufacturer: ASUS

EAN: 4711387771013

Product Code: 1616505

R7,169

The ROG Strix B850-F Gaming WiFi is built to dominate with AMD Ryzen™ 9000 Series Desktop Processors. Its advanced power design and AI solutions ensure peak performance. In addition, the total support of 19 USB ports including USB 20Gbps, as well as WIFI 7 and 2.5Gbps ethernet, provides cutting-edge connectivity. This motherboard delivers the power and speed essential for elite gaming and the demands of advanced AI PC applications.

ASUS AI INTELLIGENCE

ASUS AI ADVISOR

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.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
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*Availability of ASUS AI Advisor may vary by region.

**AI Advisor functions may vary by platform.

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

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-F 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

16(80A)+2(80A)+2(80A) Power Stages

PLAY IN STYLE

UNDENIABLY ROG STRIX

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The ROG Strix B850-F is sleek and understated, empowering you to seamlessly combine it with a wide range of system components. Its deep black PCB and matching metallic heatsinks create a dark and intense look, while a touch of RGB lighting on the I/O shroud lets you either stay under the radar or make a bold statement.

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.

BUILD FOR THE MOST ADVANCED PC FOR GAMING AND CREATING

When only the fastest will do, a Strix B850 motherboard delivers. With USB 20Gbps 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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