ASUS ROG STRIX B550-F GAMING WIFI II AMD B550 Socket AM4 ATX

Model: 90MB19V0-M0EAY0

Manufacturer: ASUS

EAN: 4711081453314

Product Code: 1612633

R4,122

ROG Strix B550 Gaming series motherboards offer a feature-set usually found in the higher-end ROG Strix X570 Gaming series, including the latest PCIe® 4.0. With robust power delivery and effective cooling, ROG Strix B550 Gaming is well-equipped to handle Zen 3 architecture AMD Ryzen™ CPUs. Boasting futuristic aesthetics and intuitive ROG software, ROG Strix B550-F Gaming WiFi II gives you a head start on your dream build.

ADVANCE YOUR GAMING IMMERSION

ROG Strix B550-F Gaming WiFi II is PCIe® 4.0-ready and provides the latest connectivity options for supersmooth networking and blisteringly fast file transfers. Audio enhancements give you a massive advantage, allowing you to pick up on the subtlest of cues for a completely immersive gaming

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experience.

PCIE 4.0-READY

ROG Strix B550-F Gaming WiFi II features two M.2 slots, one of which supports the PCIe 4.0 standard to provide maximum storage flexibility and the lightning-fast data speeds. Both M.2 slots support up to the type 22110 socket and NVM Express® RAID for a performance boost.

WiFi 6E

Onboard WiFi 6E technology takes advantage of the newly available radio spectrum in the 6 GHz band. It delivers ultrafast wireless networking speeds and improved capacity as well as better performance in dense wireless environments.
*WiFi 6E availability and features are dependent on regulatory limitations and co-existence with 5 GHz WiFi.

Intel 2.5 Gb Ethernet

Onboard 2.5 Gb Ethernet gives your wired connection a boost, with speeds that are 2.5 times faster than standard Ethernet connections for speedy file transfers, lag-free gaming, and high-res video streaming.

SUPREMEFX

Built-in ROG SupremeFX audio technology ensures pristine audio for ROG Strix B550-F Gaming WiFi II. Along with ensuring a flat frequency response for a neutral, detailed sound signature, it offers two front-panel outputs driven by op amps that deliver high-quality audio to gaming headsets.

ALL-ROUND PERFORMANCE

ROG Strix B550-F Gaming WiFi II provides robust power delivery to fuel Ryzen’s cores, comprehensive cooling, and support for faster memory — so it has everything you need to load up your build with high-performance components for playing in the big leagues.

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COOLER BY DESIGN

ROG Strix B550 series features the most comprehensive cooling options ever, configurable via Fan Xpert 4 or the UEFI BIOS.

ASUS OptiMem II

To provide AMD's latest CPUs unfettered access to memory bandwidth, motherboard trace routing has been reimagined with the ROG Strix B550-F Gaming WiFi II. Integrated OptiMem II technology carefully maps memory signal pathways across PCB layers to reduce vias, and it also adds shielding zones that significantly reduce crosstalk. To further enhance overclocking headroom for fully stacked memory configurations, a highly customized Daisy Chain layout delivers time-aligned signaling.

PLAY YOUR OWN STYLE

The cyberpunk-inspired aesthetics of ROG Strix B550-F Gaming WiFi II are accentuated by the bold slashes and cybertext. By pairing your rig with other products from the diverse ROG ecosystem, you can create a fully customized gaming setup that reflects your personal style.

UNDENIABLY ROG STRIX

ROG Strix B550-F Gaming WiFi II embodies the ROG spirit with eye-catching aesthetics, including the next-generation distorted ROG eye logo and recessed cybertext patterning etched on the I/O shroud. These new designs move ROG Strix boldly into the future, while clearly reflecting the series' gaming roots.

OUTSHINE THE COMPETITION

ROG Strix motherboards deliver sterling performance and superior aesthetics to outshine the competition. They also feature built-in ASUS Aura technology that enables full RGB lighting control and a variety of presets for embedded RGB LEDs as well as lighting strips connected to onboard RGB headers. In addition, all lighting can be easily synced with an ever-growing portfolio of Aura-capable ASUS hardware.

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PRE-MOUNTED I/O SHIELD

Patented I/O shield is finished in sleek matte black and comes pre-mounted to make it easy to install on the motherboard.

Four onboard LEDs indicate power status, and any problem with the CPU, memory, graphics card or boot device for quick diagnosis.

CERTIFIED COMPATIBILITY

ROG Strix motherboards undergo an extensive certification program to ensure the very best compatibility with the widest range of components and devices. For a smooth build process, refer to our list of guaranteed-compatible components. To help with memory upgrades, the list also includes a dedicated Qualified Vendor List (QVL).

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.

ROG GIVES YOU MORE

ROG-exclusive software utilities deliver intuitive audio tuning and gaming enhancements that allow you to configure your gaming build the way you want.

UEFI BIOS

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 comprehensive features for seasoned veterans.

AI NETWORKING

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The proprietary ROG GameFirst VI utility is designed to help all users — beginners, experts, and everyone in between — optimize network settings to ensure smooth online gameplay. New to this generation, GameFirst VI features AI-enhanced identification and boost technology to ensure faster and smarter network optimization.

AIDA64 EXTREME

ROG Strix B550-F Gaming WiFi II includes a 60-day AIDA64 Extreme subscription. This industry-leading system information tool provides detailed information about installed hardware and software, and it also provides benchmarks for measuring performance of the entire system or individual components. AIDA64 Extreme includes a monitoring and diagnostics feature to detect and prevent hardware issues. All vital system sensors can be tracked in real time, allowing voltage readings, fan speeds, and temperature information to be displayed on the desktop or sent to dedicated displays or to the OLED panels of ROG AIO liquid coolers*.
*Support available for ROG Ryujin II and later models.

ARMOURY CRATE

Armoury Crate is a new software utility designed to give you centralized control of supported gaming products, making it easy to tune the look and feel of your system. From a single intuitive interface, Armoury Crate lets you easily customize RGB lighting and effects for compatible devices and synchronize them with Aura Sync to create a unified lighting scheme across your system. You can also use Armoury Crate to download the user manual, drivers and software. In addition, Armoury Crate features a dedicated product registration page as well as a news feed to help you stay in touch with the gaming community.
*Windows 10 required for full Aura Sync functionality within Armoury Crate. For Windows 8 and earlier versions, standalone Aura Sync software is available for free download from the product support site.

RAMCACHE III

RAMCache III software turns milliseconds into microseconds to boost game-load times. Fully compatible with the latest NVM Express® storage options, its uniquely intelligent technology effectively caches an entire storage device so that favorite games and apps launch at breakneck

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speeds.

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