

Mainboard
ASROCK AMD
B850 Socket
AM5 ATX RAM
DDR5-SDRAM
4xSlots Wi-Fi
Yes Bluetooth
Yes
B850ROCKWIFI7



Model: B850 ROCK WIFI 7

Manufacturer: ASROCK

EAN: 4711581493841

Product Code: 725787

R3,868

Rock Series brings reliable performance and solid quality in a clean, modern design—ready for work, study, and gaming with practical, well-balanced features.

8 Layer PCB

The 8 Layer PCB provides stable signal traces and power shapes delivering lower temperature and

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higher energy efficiency for memory overclocking! Thus, it's able to support the latest memory modules with most extreme memory performance!

DDR5 XMP & EXPO Support

Derived from the “built for stable and reliable” designing concept, ASRock does not compromise on any details. This motherboard is built with high quality materials, enthusiasts are able to enjoy the boost of DDR5 memory overclocking performance by enabling the pre-tested profiles. Make sure the memory modules are Intel® XMP/AMD EXPO™ capable and overclocking can be made so affordable, satisfying and absolutely no sweat at all.

PCIe Gen5 Blazing M.2

The Blazing M.2 accommodates the latest PCI Express 5.0 standard to perform twice the bandwidth compared to previous generation, with a breathtaking 128Gb/s transfer speed, it is ready to unleash the full potential of future ultrafast SSDs.

Aluminum Heatsink

The first thing that catches the eye is the optimized Aluminum Heatsink Design. Heatsinks are crucial for efficient heat dissipation, especially during heavy workloads like gaming or productivity tasks. Motherboard that built with heatsinks can effectively manage thermal performance, hence ensure system stability and durability effortlessly.

Dragon 2.5 Gb/s LAN

The intelligent 2.5Gb/s LAN platform is built for maximum networking performance for the demanding requirements of home networking, content creators, online gamers and high-quality streaming media. Boost networking performance up to 2.5X the bandwidth compared to the standard gigabit Ethernet, you'll enjoy the faster and uncompromised connectivity experience for gaming, file transfers and backups.

Front USB 3.2 Gen1 Type-C

Front USB 3.2 Gen1 Type-C header delivers up to 5 Gbps data transfer rate and next generation reversible USB design to the front panel of computer case.

POLYCHROME RGB

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This motherboard features onboard RGB headers and addressable RGB headers that allow motherboard to be connected to compatible LED devices such as strip, CPU fans, coolers, chassis and so on. Users may also synchronize RGB LED devices across the Polychrome RGB Sync-certified accessories to create their own unique lighting effects.

SignalRGB

SignalRGB unifies your RGB devices, offering seamless customization, game-reactive effects, macro automation, and system monitoring. The official partnership empowers ASRock motherboards with advanced lighting control, enhances compatibility with a diverse range of RGB devices, and provides greater customization flexibility.

64MB BIOS Ready for Future AM5 Processors

64MB BIOS provides expanded firmware capacity to support future AM5 processors, offering long-term compatibility and enhanced update capability.

Summary: Asrock B850 Rock WiFi 7. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 9000 Series, AMD Ryzen 8000 Series, AMD Ryzen 7000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III. Ethernet interface type: 2.5 Gigabit Ethernet, LAN controller: Dragon RTL8125BG, Top Wi-Fi standard: Wi-Fi 7 (802.11be). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD | Vendor Homepage: <https://www.asrock.com/mb/AMD/B850%20Rock%20WiFi%207/index.asp#Specification> | Audio chip: Realtek ALC897 | Audio output channels: 7.1 | Component for: PC | Motherboard chipset: AMD B850 | Motherboard chipset family: AMD | Motherboard form factor: ATX | Windows operating systems supported: Windows 10 x64/Windows 11 x64 | Compatible processor series: AMD Ryzen 7000 Series/AMD Ryzen 8000 Series/AMD Ryzen 9000 Series | Processor manufacturer: AMD | Processor socket: Socket AM5 | ECC compatibility: ECC & Non-ECC | Maximum internal memory: 256 | Memory channels: Dual-channel | Memory slots type: DIMM | Number of memory slots: 4 | Supported memory types: DDR5-SDRAM | Unbuffered memory: Yes | Supported storage drive interfaces: M.2,SATA III | HDCP: Yes | HDCP version: 2.3 | ATX Power connector (24-pin): Yes | CPU fan connector: Yes | EPS power connector (8-pin): Yes | Front panel audio connector: Yes | Number of chassis fan connectors: 3 | Number of CPU fan connectors: 2 | Number of EPS power connectors (8-pin): 2 | Number of SATA III connectors: 4 | RGB LED pin header: Yes | TPM connector: Yes | USB 2.0 connectors: 2 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 3 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | Line-in: Yes

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| Microphone in: Yes | USB 2.0 ports quantity: 4 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports
quantity: 1 | Bluetooth: Yes | Bluetooth version: 5.4 | Ethernet interface type: 2.5 Gigabit Ethernet |
Ethernet LAN: Yes | LAN controller: Dragon RTL8125BG | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Wi-
Fi: Yes | Wi-Fi standards: 802.11a/802.11b/802.11g/Wi-Fi 4 (802.11n)/Wi-Fi 5 (802.11ac)/Wi-Fi 6
(802.11ax)/Wi-Fi 7 (802.11be) | Number of M.2 (M) slots: 1 | PCI Express x1 (Gen 4.x) slots: 2 | PCI
Express x16 (Gen 4.x) slots: 1 | PCI Express x16 (Gen 5.x) slots: 1 | BIOS memory size: 512 | BIOS
type: UEFI AMI | Depth: 244 | Width: 305 | Antenna included: Yes | Cables included: SATA | Units per
Pallet: 0 | Units per Shipping Box: 5 | Unit Calculated Volume: 0.00974 | Unit Calculated Weight: 1.89

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