



**Mainboard
ASROCK AMD
X870 Socket
AM5 ATX RAM
DDR5-SDRAM
4xSlots Wi-Fi
Yes Bluetooth
Yes 1xNumber
of M.2 (M) slots
X870CHALLENGERWIFI**

Model: X870 CHALLENGER WIFI

Manufacturer: ASROCK

EAN: 4711581492370

Product Code: 791421

R5,363

The Challenger Series motherboard represents fearless play, bold breakthroughs, and relentless evolution. With solid specs, Wi-Fi 7, and gamer-focused features like Lightning Gaming Ports and toolless installation, it's a perfect choice for gamers.

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Forge the Future Dominate the Game

Challenger Series is all about fearless play, bold breakthroughs, and relentless evolution. Packed with solid specs at a gamer-friendly price, it's the ultimate option for gamers.

8 Layer PCB

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

DIY Friendly Design

M.2 Heatsink Toolless Design

Besides the M.2 SSD toolless design on the motherboard, ASRock up a notch by introducing this industry first M.2 heatsink quick release mechanism on the motherboard. The user friendly toolless design helps installing M.2 SSD super easy & simple.

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.

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Enhanced M.2 Cooling

M.2 Bottom Heatsink

The M.2 bottom heatsink is able to dissipate heat of the M.2 SSD efficiently through the motherboard PCB, maximize performance while maintaining system stability.

Built-in Bluetooth

Connect wireless peripherals and accessories with ease. From keyboards and mice to headsets, controllers, speakers, and smartphones, built-in Bluetooth helps reduce cable clutter and makes daily wireless pairing more convenient.

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.

Enhanced USB4 Type-C

USB4 technology brings speed and versatility to the most advanced USB Type-C, offering a fast and simple level of connection for work or home. It enables lightning-fast 40Gbps data transfer bitrate.

More than USB Transfer Speed

Lightning Gaming Ports

Aimed for die hard gamers and enthusiasts! Lightning Gaming Ports are sourced from two different controller interfaces that assist gamers in connecting the high speed mice/keyboard with the lower jitter and latency!

POLYCHROME RGB

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.

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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.

One-Click to AI Agents - ASRock Claw Quickset

ASRock Claw Quickset is a Windows desktop utility that simplifies the deployment of OpenClaw and local AI models. It automates installation, configuration, and environment setup, allowing users to start using AI with minimal technical knowledge.

Summary: Asrock X870 Challenger WiFi. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, RAID levels: 0, 1, 10. 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: Intel | Vendor Homepage:

<https://www.asrock.com/MB/AMD/X870%20Challenger%20WiFi/index.asp#Specification> | Audio output channels: 7.1 | Component for: PC | Motherboard chipset: AMD X870 | Motherboard chipset family: Intel | 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 | Maximum number of SMP processors: 1 | 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 | RAID levels: 0/1/10 | RAID support: 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): 1 | Number of SATA III connectors: 2 | RGB LED pin header: Yes | TPM connector: Yes | USB 2.0 connectors: 2 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 2 | USB 3.2 Gen 2 (3.1 Gen 2) connectors: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | Line-in: Yes | Microphone in: Yes | USB 2.0 ports quantity: 4 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 1 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 2 | USB 3.2 Gen 2 (3.1

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Gen 2) Type-C ports quantity: 2 | 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 x16 (Gen 3.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 | Product Net Weight: 2 | Shipping Box Height: 31 | Unit Calculated Volume: 0.008928 | Unit Calculated Weight: 2.28 | Units per Pallet: 0 | Units per Shipping Box: 5

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