# ASUS ROG STRIX X670E-A GAMING WIFI

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| **Herstellernummer** | 90MB1BM0-M0EAY0 |
| **EAN** | 4711081897323 |
| ASUS | |

### ROG STRIX X670E-A GAMING WIFI
Suit up for the next gen with the stylish ROG Strix X670E-A Gaming WiFi. Its black PCB and white accents neatly contrast silver-colored heatsinks that emphasize premium power delivery for AMD Ryzen™ 7000 Series processors. Exclusive ROG overclocking utilities, full PCIe 5.0 capabilities, and DDR5 support are woven in alongside, adding uniquely tailored performance and AM5 essentials to your gaming build.

### ALL-ROUND PERFORMANCE
Robust power delivery, innovative overclocking tools, and comprehensive cooling controls are core fundamentals of the ROG Strix X670E-A, giving you everything necessary to cruise and flex with AMD Ryzen™ 7000 in your build.

### PCIE 5.0
Blazing fast storage is at your command with two PCIE 5.0 M.2 slots and two PCIE 4.0 M.2 slots. Push speeds even further, create a mirrored backup, or both; NVMe and SATA RAID configurations (0/1/10) are available through AMD RAID Xpert2. PCIe 5.0 support also extends to the top x16 extension slot, which includes SafeSlot to support heavy graphics cards and Q-release for easy upgrades.

### LEADING CONNECTIVITY
The ROG Strix X670E-A Gaming WiFi delivers a plethora of internal and external connectivity for low-latency networking and ultrafast data transfers. Those perks are joined by an advanced audio solution that allows you to pick out the smallest cues and home in on your opponents.

### WIFI 6E
Onboard WiFi 6E technology takes advantage of newly available spectrum in the 6 GHz band to provide up to seven 160 MHz channels for ultrafast throughput and better performance in dense wireless environments.

### Intel 2.5G Ethernet
Onboard Intel® 2.5 Gbps Ethernet gives your wired connection a boost, with speeds that are 2.5 times faster than standard Ethernet connections for speedy file transfers, low-latency gaming, and high-res video streaming.

### PLAY IN STYLE
A striking silver and white aesthetic with complementary RGB lighting delivers a build that stands out in every way. Pair the Strix X670E-A with other products from the diverse ROG ecosystem to create a fully customized gaming setup that reflects your personal style.

### UNDENIABLY ROG STRIX
The ROG Strix X670E-A Gaming WiFi will turn heads with a striking silver-white finish that contrasts with a bold Aura RGB-illuminated grid design. Parallel strakes and curved text on the VRM, M.2, and PCH heatsinks tie the whole aesthetic together with a clean, modern look.

### SOFTWARE UTILITIES

ROG-exclusive software delivers intuitive audio tuning and gaming enhancements so you can configure your gaming build the way you want.

**AI COOLING II**
Balance the thermals and acoustics of any build with a single click. A proprietary ASUS algorithm slashes unnecessary noise while running a quick stress test, and then monitors CPU temperatures to dynamically adjust fans to optimal speeds.

THIS CHANGES EVERYTHING.
**FROM THIS NEW PLATFORM, YOU CAN SEE THE FUTURE**
Build your next rig with an AMD Ryzen™ 7000 Series processor and ROG Strix X670E-A Gaming WiFi to experience advanced performance. With up to 16 "Zen 4" cores and 32 threads, boost clocks of up to 5.7GHz, and 80MB cache, the AMD Ryzen™ 7000 Series keeps you ahead of the game.[1]

You'll also gain access to new features for gamers with AMD Socket AM5, from the speed of DDR5 memory to the increased bandwidth of PCIe® 5.0. AMD Ryzen™ 7000 Series processors and AMD socket AM5 motherboards are unlocked for overclocking to personalize your experience. Gain even more performance when you overclock your DDR5 memory with AMD EXPO™ technology.[2]

# Zusammenfassung

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ASUS ROG STRIX X670E-A GAMING WIFI, AMD, Socket AM5, AMD Ryzen™ 7, DDR5-SDRAM, 128 GB, DIMM

ASUS ROG STRIX X670E-A GAMING WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen™ 7. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Ethernet interface type: 2.5 Gigabit Ethernet, LAN controller: Intel I225-V, Top Wi-Fi standard: Wi-Fi 6E (802.11ax). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD

# Merkmale

## Graphics

| | |
|---|---|
| Parallel processing technology support | Not supported |

## Packaging content

| | |
|---|---|
| Cables included | SATA |

## Weight & dimensions

| | |
|---|---|
| Width | 305 mm |
| Depth | 244 mm |

## BIOS

| | |
|---|---|
| BIOS type | UEFI AMI |
| BIOS memory size | 256 Mbit |
| Clear CMOS button | Y |

## Packaging data

| | |
|---|---|
| Package width | 280 mm |
| Package depth | 265 mm |
| Package height | 710 mm |

## Processor

| | |
|---|---|
| Processor manufacturer | AMD |
| Processor socket | Socket AM5 |
| Compatible processor series | AMD Ryzen™ 7 |

## Expansion slots

## Storage controllers

| | |
|---|---|
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces | M.2, SATA III |
| RAID support | Y |
| RAID levels | 0, 1, 10 |

## Features

| | |
|---|---|
| Motherboard chipset | AMD X670 |
| Audio chip | Realtek ALC4080 |
| Audio output channels | 7.1 channels |
| Component for | PC |
| Motherboard form factor | ATX |
| Motherboard chipset family | AMD |
| Cooling type | Active |
| Windows operating systems supported | Windows 10 x64, Windows 11 x64 |

## Network

| | |
|---|---|
| Ethernet LAN | Y |
| Ethernet interface type | 2.5 Gigabit Ethernet |
| LAN controller | Intel I225-V |
| Wi-Fi | Y |
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) |
| 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 6E (802.11ax) |
| Bluetooth | Y |
| Bluetooth version | 5.2 |

## Memory

| | |
|---|---|
| Supported memory types | DDR5-SDRAM |
| Number of memory slots | 4 |
| Memory slots type | DIMM |

| | |
|---|---|
| PCI Express x1 (Gen 3.x) slots | 1 |
| PCI Express x16 (Gen 3.x) slots | 1 |
| PCI Express x16 (Gen 5.x) slots | 1 |
| Number of M.2 (M) slots | 4 |

| | |
|---|---|
| Memory channels | Dual-channel |
| ECC | Y |
| Non-ECC | Y |
| Supported memory clock speeds | 4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz |
| Maximum internal memory | 128 GB |
| Unbuffered memory | Y |

## Internal I/O

| | |
|---|---|
| USB 2.0 connectors | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors | 2 |
| Number of SATA III connectors | 4 |
| Number of SATA II connectors | 1 |
| Front panel audio connector | Y |
| ATX Power connector (24-pin) | Y |
| CPU fan connector | Y |
| Number of chassis fan connectors | 5 |
| Thunderbolt headers | 1 |
| 12V power connector | Y |
| RGB LED pin header | Y |

## Rear panel I/O ports

| | |
|---|---|
| USB 2.0 ports quantity | 2 |
| 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 | 7 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| Ethernet LAN (RJ-45) ports | 1 |
| HDMI ports quantity | 1 |
| HDMI version | 2.1 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.4 |
| Headphone outputs | 1 |
| Line-in | Y |
| Microphone in | Y |
| S/PDIF out port | Y |
| Digital audio optical out | 1 |