

ASUS ROG STRIX X670E-F GAMING WIFI



Artikel
Herstellernummer
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STRIX X670E-F GAMING WIFI

The ROG Strix X670E-F Gaming WiFi is the stealthy alter ego of the Strix X670E-A. A substantial power buff relays its inner demon, giving exclusive ROG overclocking utilities even more headroom to unleash the potential of AMD Ryzen™ 7000 Series processors. And its black PCB and dark metallic heatsinks aesthetically match a wider variety of system hardware and build themes, while a dash of customizable color on its shroud subtly announces an ROG presence in your AM5 build.

PCIe® SLOT Q-RELEASE

A physical button unlocks the first PCIe slot's security latch with a simple press, greatly simplifying the process of removing a PCIe card from the motherboard when it's time to upgrade to a new GPU or add-in card.

ALL-ROUND PERFORMANCE

Robust power delivery, innovative overclocking tools, and comprehensive cooling controls are core fundamentals of the ROG Strix X670E-F, 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-F 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 black PCB and heatsinks match most hardware, and customizable RGB lighting furthers its flexibility. Pair the ROG Strix X670E-F 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-F is the stealthiest in the lineup, pairing perfectly with most system hardware. A jet black PCB and matching metallic heatsinks give it a brooding aesthetic overall, while a splash of RGB lighting on the I/O shroud gives you the choice to blend

into the shadows or announce your presence.

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-F 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-F GAMING WIFI, AMD, Socket AM5, AMD Ryzen™ 7, DDR5-SDRAM, 128 GB, DIMM

ASUS ROG STRIX X670E-F 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, 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 6E (802.11ax). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD

Merkmale

Graphics		Storage controllers	
Parallel processing technology support	Not supported	Supported storage drive types	HDD & SSD
		Supported storage drive interfaces	M.2, SATA III
		RAID support	Yes
		RAID levels	0, 1, 10
Packaging content		Network	
Cables included	SATA	Ethernet LAN	Yes
		Ethernet interface type	2.5 Gigabit Ethernet
		Wi-Fi	Yes
		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 6E (802.11ax)
		Bluetooth	Yes
		Bluetooth version	5.2
Weight & dimensions		Features	
Width	305 mm	Motherboard chipset	AMD X670
Depth	244 mm	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
BIOS			
BIOS type	UEFI AMI		
BIOS memory size	256 Mbit		
Clear CMOS button	Yes		
Processor			
Processor manufacturer	AMD		
Processor socket	Socket AM5		
Compatible processor series	AMD Ryzen™ 7		
Expansion slots			

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

Packaging data

Package width	338 mm
Package depth	273 mm
Package height	680 mm
Package weight	2.55 kg

Memory

Supported memory types	DDR5-SDRAM
Number of memory slots	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC ?ompatibility	ECC & Non-ECC
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz
Maximum internal memory	128 GB
Unbuffered memory	Yes

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
Front panel audio connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of chassis fan connectors	5
Thunderbolt headers	1
12V power connector	Yes
RGB LED pin header	Yes

Rear panel I/O ports

USB 2.0 ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-7 A ports quantity	
USB 3.2 Gen 2 (3.1 Gen 2) Type-2 C ports quantity	
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	Yes
Microphone in	Yes
S/PDIF out port	Yes
Digital audio optical out	1

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.