

Wireless Router
ASUS 6000 Mbps
Mesh Wi-Fi 6
USB 3.1
9x10/100/1000M
1x10GbE
1xSPF+ Number
of antennas 8
RT-AX89X



Model: RT-AX89X

Manufacturer: ASUS

EAN: 4718017122320

Product Code: 193807

R6,117

The New Era of Home WiFi

The growing number of connected personal and IoT devices has led to an overall increase in network density that is pushing the limits of the current WiFi standard. The latest 802.11ax standard provides future-proof technologies, higher network efficiency, faster WiFi speeds, greater coverage and improved battery life for connected devices, providing a significantly better networking experience

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for users.

Warp-speed WiFi

RT-AX89X is a 8x8 dual-band WiFi router that provides 1024-QAM for dramatically faster wireless connections. With a total networking speed of about 6000Mbps — 1148Mbps on the 2.4GHz band and 4804Mbps on the 5GHz band — RT-AX89X is up to 2.8X faster than 802.11ac 4x4 dual-band routers.

More LAN Ports for

More Convenience

Eight Gigabit LAN ports make RT-AX89X the ideal solution if you have multiple wired devices, such as NAS systems, PCs and switches. And, if you ever want to host a LAN party at home, RT-AX89X makes it possible.

Ultra-fast Wired Speed

The RT-AX89X comes with two 10G ports, one Base-T and SFP+ port, which means both fiber and copper 10G connections are supported. Capture ISP advertised speeds or use your own 10G LAN network between PCs and NAS.

Built for Multi-device Households

With a revolutionary combination of OFDMA and MU-MIMO technology, 802.11ax technology provides up to 4X greater network capacity and efficiency in traffic-dense environments. Previous-generation 802.11ac WiFi can only handle one device at a time on each network channel, which is an inefficient use of available bandwidth. OFDMA support in the 802.11ax WiFi standard divides each channel into small sub-channels, allowing signals from multiple devices* to be bundled together and transmitted simultaneously, reducing latency for a smoother, more responsive WiFi experience.

WiFi that Goes Farther

With the latest 802.11ax WiFi standard featuring OFDMA technology, RT-AX89X provides increased WiFi signal range and better coverage by dividing each channel into smaller sub-channels. These sub-channels have a smaller bandwidth that enables them to travel up to 80% farther, resulting in a better WiFi connection throughout your home.

Commercial-grade Security for your Home Network

RT-AX89X has lifetime free AiProtection Pro, powered by Trend Micro™ with automatic, regularly updated security signatures to protect your devices and personal data from internet threats. This strong security offers advanced parental controls, including the ability to block specific websites and mobile app types.

Wireless that's as Stable as Wired Ethernet

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When you are far away from your router, enjoying the stability of a wired network connection is usually impractical or impossible. With special designed antennas, RT-AX89X provides wide coverage and a stable signal, letting you enjoy a reliable and smooth connection for gaming or work anywhere in your home.

Extreme 2.2GHz quad-core Power

RT-AX89X features a top-of-the-line 2.2 GHz quad-core CPU that is more powerful than many desktop processors. With its incredible performance, RT-AX89X maximizes throughput for the best networking performance, accelerates USB data transfers and more.

Powerful Whole-home WiFi System.

The Way You Want.

In most cases, your RT-AX89X can deliver smooth, reliable WiFi to every part of your home. But WiFi coverage can be affected by many factors — room layout, construction materials, and even furnishings. ASUS AiMesh is an innovative new router feature that fixes these problems: it creates a whole-home WiFi network using multiple ASUS routers. AiMesh is powerful, flexible and you can use a mix of ASUS router models — protecting your investment! AiMesh gives you time-saving central control, and seamless roaming capability. AiMesh is WiFi you can rely on — for all your devices, all the time!

- Next-Gen WiFi 6 Standard - 802.11ax WiFi standard for better efficiency and throughput
- Ultrafast WiFi Speed - 12-stream 6000Mbps WiFi speed to handle even the busiest network with ease
- Dual 10G ports - Enjoy up to 10X-faster data-transfer speeds for bandwidth-demanding tasks with 10GBase-T and 10G SFP+ networking technology port
- Wider Usage and More Convenience - 8 antennas + 8 LAN ports to support more clients at the same time
- Commercial-grade Security - AiProtection Pro, powered by Trend Micro™, blocks internet security threats for all your connected smart devices
- Better Partner with Mesh System - Compatible with ASUS AiMesh WiFi system for seamless whole-home coverage

Summary: ASUS RT-AX89X AX6000 AiMesh. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 6 (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). Ethernet LAN interface type: Ethernet, Networking standards: IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n. Product type:

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Tabletop router, Product colour: Black. Antenna design: External. Processor frequency: 2200 MHz, Flash memory: 256 MB | Vendor Homepage: <https://www.asus.com/Networking-IoT-Servers/Whole-Home-Mesh-WiFi-System/AiMesh-WiFi-Routers-and-Systems/RT-AX89X/> | Top Wi-Fi standard: Wi-Fi 6 (802.11ax) | Wi-Fi band: Dual-band (2.4 GHz / 5 GHz) | Wi-Fi standards: 802.11a/802.11b/802.11g/Wi-Fi 4 (802.11n)/Wi-Fi 5 (802.11ac)/Wi-Fi 6 (802.11ax) | 3G/4G USB modem compatibility: No | Ethernet WAN: Yes | SIM card slot: No | Dynamic DNS (DDNS): Yes | Ethernet LAN: Yes | Ethernet LAN interface type: Ethernet | Networking standards: IEEE 802.11a/IEEE 802.11ac/IEEE 802.11ax/IEEE 802.11b/IEEE 802.11g/IEEE 802.11n | Port forwarding: Yes | Port triggering: Yes | 3G: Yes | 4G: Yes | Ethernet LAN (RJ-45) ports: 1 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | USB port: Yes | MU-MIMO technology: Yes | Reset button: Yes | DMZ support: Yes | Network address translation (NAT): Yes | Parental control: Yes | Product colour: Black | Product type: Tabletop router | Warranty card: Yes | Antenna design: External | Antennas quantity: 8 | Built-in processor: Yes | Flash memory: 256 | Processor frequency: 2200 | Works with Amazon Alexa: Yes | AC input frequency: 50 - 60 | AC input voltage: 100 - 240 | Output current: 3.42 | Output voltage: 19 | Power source type: AC | Weight: 1280 | Harmonized System (HS) code: 85176990 | Downstream data rate: 54 | Upstream data rate: 4808 | Units per Pallet: 0 | Units per Shipping Box: 5 | Unit Calculated Volume: 0.02157 | Unit Calculated Weight: 3.66

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