

Wireless Router ASUS Wireless Router 1800 Mbps Wi-Fi 5 Wi- Fi 6 1 WAN 4x10/100/1000M Number of antennas 4 4G- AX56



Model: 4G-AX56

Manufacturer: ASUS

EAN: 4718017869225

Product Code: 194086

R3,072

Get Your Home Ready for WiFi 6 (802.11ax)

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 WiFi 6 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.

*It requires WiFi 6-compatible devices to enjoy the benefits brought by WiFi 6 WiFi standard.

Next-Gen WiFi Speed

ASUS 4G-AX56 is a 2x2 dual-band WiFi 6 LTE Modem Router that provides 80MHz bandwidth and 1024-QAM for dramatically faster wireless connections. With a total networking speed of about 1800Mbps — 574Mbps on the 2.4GHz band and 1201Mbps on the 5GHz band — 4G-AX56 is 1.5X faster than WiFi 5 2x2 dual-band LTE Modem Router¹.

Built for Multi-device Households

With a revolutionary combination of OFDMA and MU-MIMO technology, WiFi 6 technology provides up to 4X greater network capacity and efficiency in traffic-dense environments. Previous-generation WiFi 5 can only handle one device at a time on each network channel, which is an inefficient use of available bandwidth. OFDMA support in the WiFi 6 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.

Better Battery Life for Your Devices

Target Wake Time (TWT) allows 4G-AX56 to schedule designated intervals for devices to transmit data. This allows them to sleep when there is no need to wait for a router signal, reducing power consumption by up to 7X for significantly improved battery life*.

WiFi that Goes Farther

With the latest WiF6 WiFi standard featuring OFDMA technology, 4G-AX56 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% farther², resulting in a better WiFi connection throughout your home*.

The true wireless network where you need it

4G-AX56 offers unparalleled convenience of use. Long-term tests guarantee wide compatibility and reliability. Just insert a Nano SIM card and enjoy the convenience of 3G/4G mobile broadband connection anywhere for home and SOHO with less mess of cable.

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Super-fast mobile broadband

4G-AX56 features the latest LTE Category 6 mobile broadband, which combines two cellular bands to give you internet download speeds of up to 300Mbps — 2X faster than LTE Category 4, and 7X faster than 3G (HSPA+) — so you can share even the biggest files and stream 4K UHD video with ease.

Protection for your Home Network

All your family members, young or old, are exposed to the dangers of internet every single moment they're online. 4G-AX56 includes AiProtection powered by Trend Micro™ with automatic, regularly updated security signatures to protect your devices and personal data from internet threats.

Connectivity Options

4G-AX56 has one Gigabit WAN port and four Gigabit LAN ports. Smart TV, game consoles, NAS storage devices, backup internet and more can now have their own dedicated ports, making 4G-AX56 your solid digital home hub.

- New-generation WiFi 6 - Enjoy ultrafast speeds up to 1800 Mbps with the latest WiFi 6 (802.11ax) standard and 80MHz bandwidth for better capacity and efficiency
- Easy WiFi Portal - Easy share your network with click-through Free WiFi portal; grow your business with sign-on Captive Portal to set up customer or visitor WiFi within steps
- Ultimate 4G Speed - 4G LTE Category 6 technology lets you enjoy 7X faster speeds than 3G mobile broadband
- Protection for Your Home Network - lifetime free AiProtection, powered by Trend Micro™, blocks internet security threats for all your connected smart devices

1 ac data refers to: 40MHz / 256QAM on 2.4GHz band and 80MHz / 256QAM on 5GHz band. ax data refers to: 40MHz / 1024QAM on 2.4GHz band and 80MHz / 1024QAM on 5GHz band

2 The data refers to uplink OFDMA

* To benefit from WiFi 6 features, the WiFi client needs to be WiFi 6 capable.

** Actual data throughput and WiFi coverage will vary from network conditions and environmental factors, including the volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput and wireless coverage.

*** Quoted network speeds and bandwidth based on current IEEE 802.11ax specifications. Actual performance may be affected by network and service provider factors, interface type, and other conditions. Connected devices must be WiFi 6-compatible for best results.

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Summary: ASUS 4G-AX56. WAN connection type: RJ-45. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 6 (802.11ax), WLAN data transfer rate (max): 1201 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, Networking standards: IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, VPN support: VPN Client L2PT VPN Client OVPN VPN Client PPTP VPN Server OVPN VPN Server PPTP. Mobile network generation: 4G, 3G standards: UMTS, 4G standard: LTE-FDD. Security algorithms: IPSec, SIPS, NAT functionality: PPTP, L2TP, IPSec, RTSP, H.323, SIP Passthrough, PPPoE relay | Vendor Homepage: <https://www.asus.com/Networking-IoT-Servers/Modem-Routers/All-series/4G-AX56/> | 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) | WLAN data transfer rate (first band): 54 | WLAN data transfer rate (max): 1201 | WLAN data transfer rate (second band): 11 | WLAN data transfer rate (third band): 54 | 3G/4G USB modem compatibility: Yes | DSL WAN: No | Ethernet WAN: Yes | SIM card slot: Yes | WAN connection type: RJ-45 | Built-in FTP server: No | Dynamic DNS (DDNS): Yes | Ethernet LAN: Yes | Ethernet LAN interface type: Gigabit Ethernet | Networking standards: IEEE 802.11a/IEEE 802.11b/IEEE 802.11g/IEEE 802.11n | Port forwarding: Yes | Port triggering: No | SSID-based VLAN assignment: Yes | VPN support: VPN Client L2PT VPN Client OVPN VPN Client PPTP VPN Server OVPN VPN Server PPTP | 3G: Yes | 3G bands supported: 1800/2100/850/900 | 3G standards: UMTS | 4G: Yes | 4G bands supported: 1800/2100/2300/2500/2600/700/800/850/900 | 4G standard: LTE-FDD | 5G: No | Mobile network generation: 4G | SIM card type: NanoSIM | DC-in jack: Yes | Ethernet LAN (RJ-45) ports: 5 | USB port: No | Bandwidth control: Yes | MU-MIMO technology: Yes | Quality of Service (QoS) support: Yes | Reset button: Yes | Wake-on-LAN ready: Yes | WPS push button: Yes | DMZ support: Yes | Firewall: Yes | Guest access: Yes | NAT functionality: PPTP, L2TP, IPSec, RTSP, H.323, SIP Passthrough, PPPoE relay | Network address translation (NAT): Yes | Parental control: Yes | Security algorithms: IPSec/SIPS | DHCP server: Yes | Built-in display: No | Housing material: Plastic | Indication light: Yes | LED indicators: LAN,Power,WAN | On/off switch: Yes | Product colour: Black | Product type: Tabletop router | AC adapter included: Yes | Quick start guide: Yes | Warranty card: Yes | Antenna design: Internal & external | Antennas quantity: 4 | Built-in processor: No | Flash memory: 128 | Internal memory: 512 | Power source type: DC | Weight: 753 | Harmonized System (HS) code: 85176990 | Model name: 4G-AX56 | Units per Pallet: 0 | Units per Shipping Box: 5 | Unit Calculated Volume: 0.01042 | Unit Calculated Weight: 1.42

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