

TUF Gaming AX5400 Dual Band WiFi 6 Gaming Router with dedicated Gaming Port, 3 steps port forwarding, AiMesh for mesh WiFi and AiProtection Pro network security

- **Ultrafast WiFi 6** - Enjoy speeds up to 5400 Mbps and 4X network efficiency with OFDMA and 160 MHz channels.
- **Fast & Stable Wired Gaming** - Dedicated gaming port to prioritize connected gaming device.
- **Easy Port Forwarding in 3 Steps** - Open NAT makes port forwarding simple, eliminating frustrating and complicated manual configuration.
- **ASUS AiMesh Support** – Create a flexible, seamless whole-home mesh network with AiMesh-compatible routers.
- **Tested Durability and Stable Operation** - TUF Gaming AX5400 is built to be durable and undergoes verified testing to ensure reliable, stable operation.



4X Capacity. 2X Faster.*

WiFi 6 provides faster wireless speeds with OFDMA, BSS coloring and MU-MIMO technologies, and it also boosts network efficiency, so all your devices get their fair share of WiFi bandwidth. It's perfect for busy networks with lots of different WiFi devices, such as laptops, smartphones and smart home devices.

*The data compares speed of 4X4 WiFi 6 solution on 5GHz band 160MHz channel to speed of 4X4 WiFi 5 solution on 5GHz band 80MHz channel





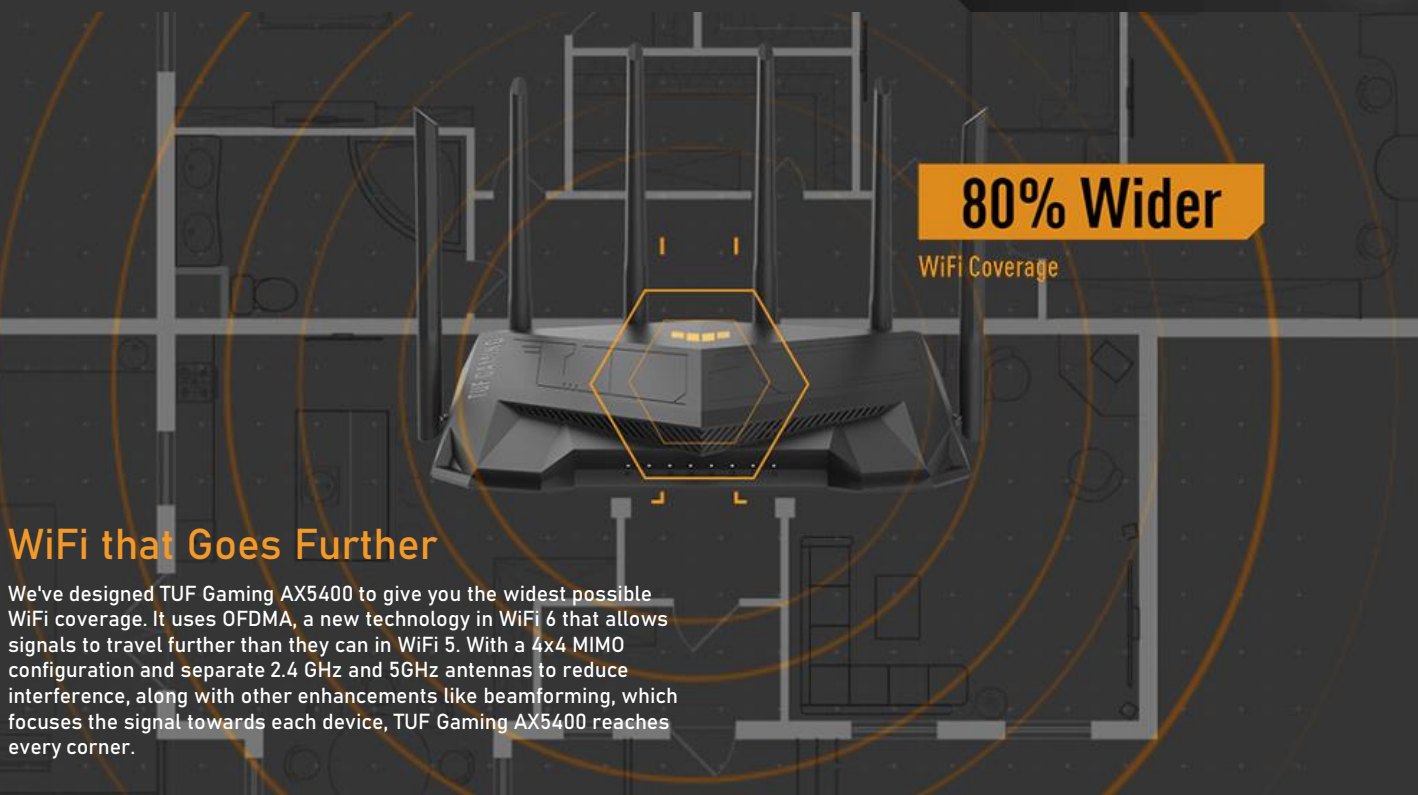
The image shows the rear panel of the ASUS TUF Gaming AX5400 router. It features four large black antennas, a power jack, a power button, a USB port, and a 'Gaming port' section with four ports: two LAN ports (orange), one WAN port (blue), and one additional port (orange). Orange callout boxes and lines highlight the WAN and LAN aggregation features.

2
Link AGGREGATION
2 Gbps wired network connection

1
WAN AGGREGATION
Get the WAN bandwidth you paid for

True Multi-Gigabit Wired Speeds

For true multi-gigabit performance, you need both WAN and LAN connections that support these speeds. TUF Gaming AX5400 features both WAN and LAN aggregation, so you can enjoy 2 Gbps wired speeds from your modem all the way to your PC or NAS.



The image shows the top view of the ASUS TUF Gaming AX5400 router. It has four large black antennas and a central antenna array. Orange concentric circles represent the Wi-Fi coverage area, extending across a stylized floor plan background. A callout box highlights the '80% Wider WiFi Coverage' claim.

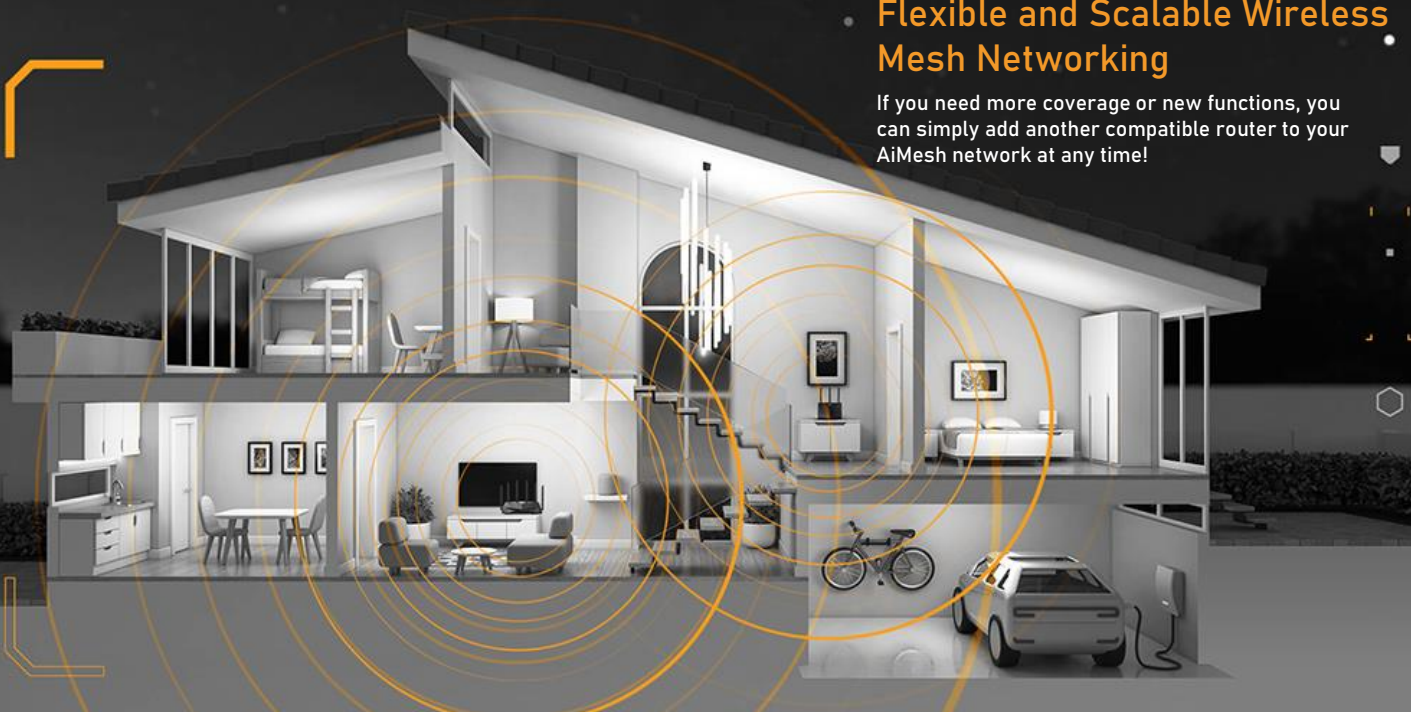
80% Wider
WiFi Coverage

WiFi that Goes Further

We've designed TUF Gaming AX5400 to give you the widest possible WiFi coverage. It uses OFDMA, a new technology in WiFi 6 that allows signals to travel further than they can in WiFi 5. With a 4x4 MIMO configuration and separate 2.4 GHz and 5GHz antennas to reduce interference, along with other enhancements like beamforming, which focuses the signal towards each device, TUF Gaming AX5400 reaches every corner.

Flexible and Scalable Wireless Mesh Networking

If you need more coverage or new functions, you can simply add another compatible router to your AiMesh network at any time!



Stable and Durable

TUF Gaming AX5400 is engineered to deliver maximum WiFi performance. The vent location and double heatsink design improve cooling for increased stability, and the fixed antennas and metal port protectors increase physical durability.

Fixed Antennas

1



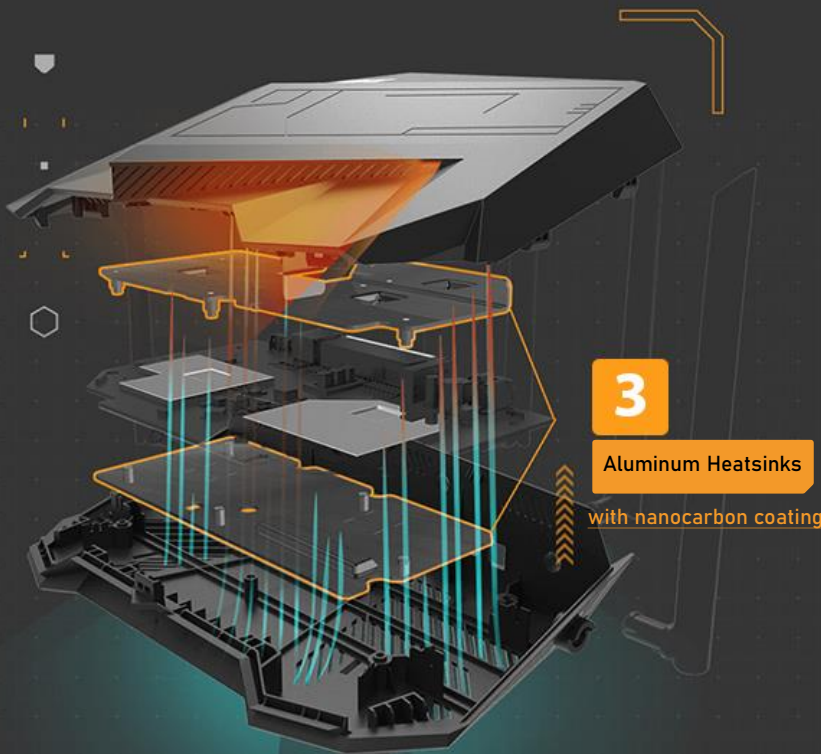
2

Metal Port Protector

3

Aluminum Heatsinks

with nanocarbon coating



Humidity Test



I/O Test



Stress Test



EMI Test

One Router. Three Modes. All Game Types.

TUF Gaming AX5400 provides gamers with different features for different game types.

Boost Mobile Game Traffic

Prioritize mobile game packets, minimizing lag and latency with just a tap on the ASUS Router APP.



02.

Gaming Port

Prioritize Your Game Device

A dedicated Gaming Port lets you prioritize any device connected to it, ensuring it is always at the head of the queue.



One Router. Three Modes. All Game Types.

TUF Gaming AX5400 provides gamers with different features for different game types.



Port Forwarding in 3 Steps

Using Open NAT on TUF Gaming AX5400 couldn't be easier: it takes just 3 steps. No more frustrating and complicated procedures!

Switch Modes for an Easy Life

Optimize whatever you're doing with different modes, and boost the task at hand!

File Transferring

Media Streaming

Web Browsing

Gaming

Instant Messaging



File Transferring

Instant Messaging

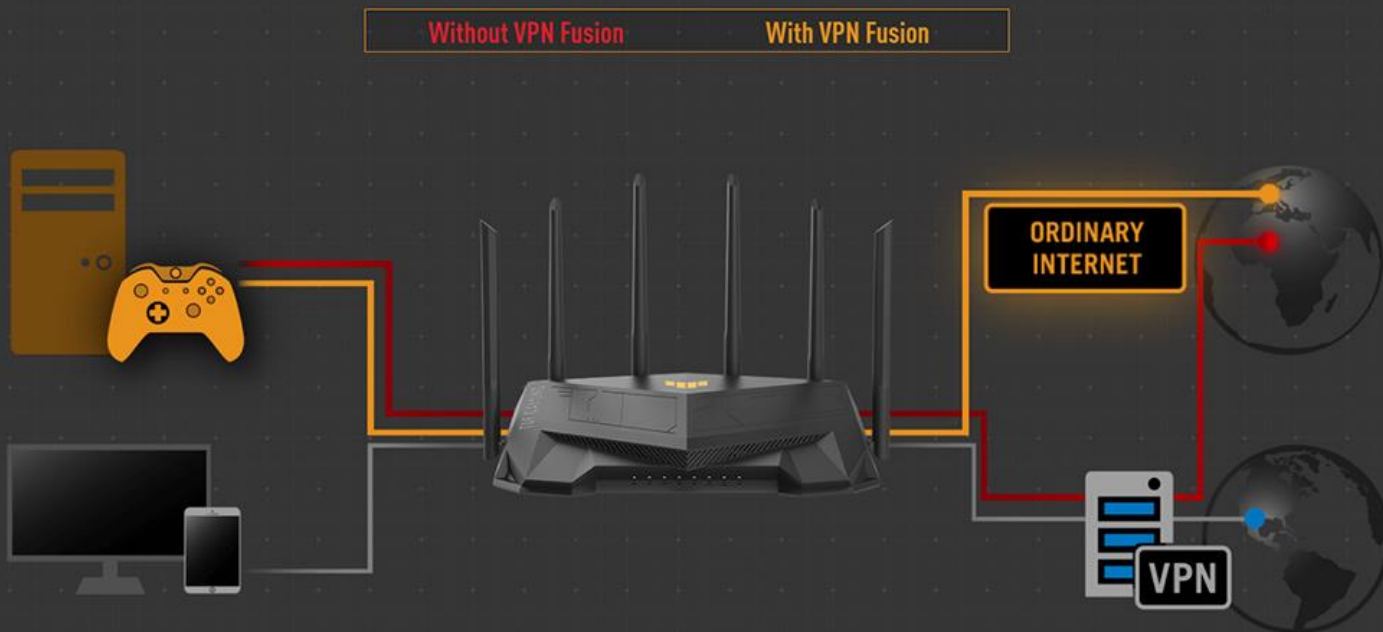
Web Browsing

Gaming

Media Streaming

Simultaneous Gaming and VPN

VPN Fusion lets you run both a VPN and an ordinary internet connection - simultaneously! So even if other network users need to use a VPN, you can still enjoy maximum gaming speeds.



Commercial-Grade Security for Your Home

Home network security is crucial when you have multiple connected devices, and even more so when there are devices without anti-virus capabilities such as IoT devices. TUF Gaming AX5400 includes lifetime free AiProtection Pro, including the latest WPA3 security protocol and advanced Parental Controls. Every device is protected with TUF Gaming AX5400, and you can keep an eye on everything that's happening on your network via the handy mobile app.



AiProtection Pro



WPA3 Security Protocol



Advanced Parental Controls

More Privacy, Anywhere

Instant Guard gives you one-click secure internet access via TUF Gaming AX5400 from anywhere in the world, thanks to its encrypted data-tunneling VPN technology. With TUF Gaming AX5400, you can take your home network with you wherever you go — and say goodbye to web-based third-party VPNs!



Download ASUS Instant Guard app

GET IT ON
Google Play

Download on the
App Store

Disclaimer:

- Products certified by the Federal Communications Commission and Industry Canada will be distributed in the United States and Canada. Please visit the ASUS USA and ASUS Canada websites for information about locally available products.
- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- Specifications and features vary by model, and all images are illustrative. Please refer to specification pages for full details.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.
- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.
- The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.
- 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 802.11ac specifications. Actual performance may be affected by network and service provider factors, interface type, and other conditions. Connected devices must be 802.11ac-compatible for best results.
- WPA/WPA2 enterprise is only available on single router, is not available under AiMesh mode.

What's Inside the Box Specifications

- TUF Gaming AX5400 WiFi 6 Router
- RJ-45 cable
- Power adapter
- Warranty card
- Quick start guide

- Wireless Type : 802.11 ax/ac/n/g/a/b
- Wireless Speed : 2.4GHz up to 574 Mbps / 5GHz up to 4804 Mbps
- Wired Connectivity : 4x LAN, 1x WAN, Gigabit Ethernet ports
- USB Ports : 1 x USB 3.0(USB 3.2 Gen 1)



Official Site

Dimension

TUF Gaming AX5400 WiFi 6 Router

- 297 x 335 x 68 mm (with antenna)
- 600 g / 1.32 lb

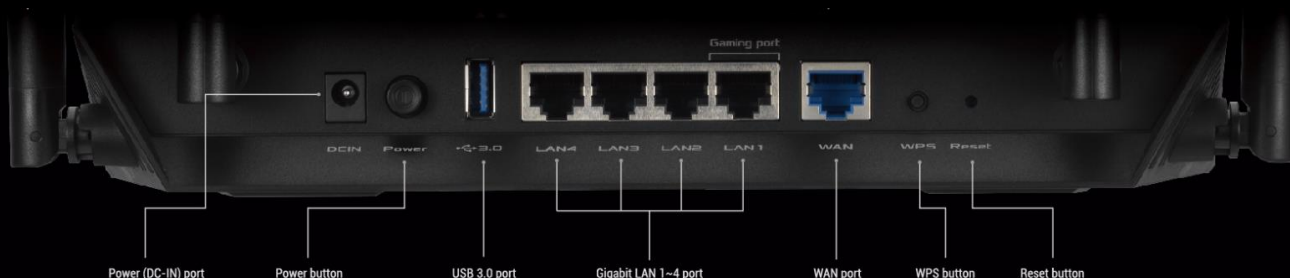
Color Box

- 352 x 342 x 89 mm
- 1598 g

Connectivity

Win10
Support

IPv6
Support



Specifications

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, IPv4, IPv6
Product Segment	AX5400 ultimate AX performance: 574+4804 Mbps
Coverage	Very Large homes
Data Rate	802.11ax (2.4GHz) : up to 574 Mbps 802.11ax (5GHz) : up to 4804 Mbps
Antenna	External antenna x 6
Transmit/Receive	2.4 GHz 2 x 2 5 GHz 4 x 4
Processor	1.5 GHz tri-core processor
Memory	256 MB Flash 512 MB RAM
Wi-Fi Technology	OFDMA (Orthogonal Frequency Division Multiple Access) Beamforming: standard-based and universal 1024-QAM high data rate 20/40/80/160 MHz bandwidth
Operating Frequency	2.4 GHz, 5 GHz
Encryption	WPA3-Personal, WPA2-Personal, WPA-Personal, WPA-Enterprise , WPA2-Enterprise , WPS support
Firewall & Access Control	Firewall: SPI intrusion detection, DoS protection Access control: Parental control, Network service filter, URL filter, Port filter
Management	UPnP, IGMP v1/v2/v3, DNS Proxy, DHCP, NTP Client, DDNS, PPPoE Port Trigger, Port Forwarding, DMZ, System Event Log
VPN Support	PPTP Pass-Through, L2TP Pass-Through, IPSec Pass-Through RTSP Pass-Through, H.323 Pass-Through, SIP Pass-Through, PPPoE Relay IPSec server PPTP server OpenVPN server PPTP client L2TP client OpenVPN client
WAN Connection Type	Internet connection type : PPPoE, PPTP, L2TP, Automatic IP, Static IP
Utilities	Router setup wizard; Firmware restoration; Device discovery; printer setup utility
Ports	RJ45 for Gigabits BaseT for WAN x 1, RJ45 for Gigabits BaseT for LAN x 4 USB 3.2 Gen 1 x 1

Features	Router app
	Link Aggregation - 802.3ad
	MU-MIMO
	Traffic Analyzer
	Adaptive QoS
	AiProtection Pro
	Parental Control
	Guest Network : 2.4 GHz x 3, 5 GHz x 3
	NAT Pass-Through :PPTP Pass-Through, L2TP Pass-Through, IPSec Pass-Through, RTSP Pass-Through, H.323 Pass-Through, PPPoE relay
	Mac OS Backup
	Enhanced media server (AiPlayer app compatible)
	- Image :
	- Audio : mp3, wma, wav, pcm, mp4, lpcm, ogg
	- Video : asf, avi, divx, mpeg, mpg, ts, vob, wmv, mkv, mov
	AiCloud personal cloud service
	3G/4G data sharing
	Printer Server
	- Multifunctional printer support (Windows only)
	- LPR protocol support
	Download Master
	- Support bt, nzb, http, ed2k
	- Support encryption, DHT, PEX and magnet link
	- Upload and download bandwidth control
	- Download scheduling
	AiDisk file server
	- Samba and FTP server with account management
	Dual WAN
	WAN Aggregation
	IPTV support
	Roaming Assist
	OFDMA
	Beamforming
Button	WPS Button, Reset Button, Power Button
LED Indicator	Power x 1
	2.4GHz x 1
	5GHz x 1
	LAN x 4
Power Supply	WAN x 1
	AC Input : 100V~240V(50~60Hz)
	DC Output : 12 V with max. 2.5 A current
OS Support	Windows [®] 10
	Windows [®] 8
	Windows [®] 7
	Mac OS X 10.6
	Mac OS X 10.7
Operation mode	Mac OS X 10.8
	Wireless router mode
	Access point mode
	Media bridge mode
	Repeater mode
	AiMesh node mode