

TUF Gaming AX3000 V2 Dual Band WiFi 6 Gaming Router with Mobile Game Mode, 3 steps port forwarding, 2.5Gbps port, AiMesh for mesh WiFi, AiProtection Pro network security

- **Ultrafast WiFi 6** - Enjoy speeds up to 3000 Mbps and 4X network efficiency with OFDMA and 160 MHz channels.
- **True Multi-Gigabit wired speeds** - Aggregated 2 Gigabit LAN connections, wired 2.5Gbps port and WiFi 6.
- **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 AX3000 V2 is built to be durable and undergoes verified testing to ensure reliable, stable operation.



4X Capacity. 2.5X 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 2X2 WiFi 6 solution on 5GHz band 160MHz channel to speed of 2X2 WiFi 5 solution on 5GHz band 80MHz channel



02.

Link AGGREGATION

2 Gbps wired network connection



True Multi-Gigabit wired speeds

TUF Gaming AX3000 V2 can unlock up to 2Gbps of internet bandwidth by 2.5Gbps port, and aggregating two separate 1Gbps internet services using the LAN1 and LAN2 ports.*

*Link Aggregation (802.3ad) refers to the combining throughput of multiple devices.

01.

2.5Gbps Port

Unlocks the full potential of 11ax

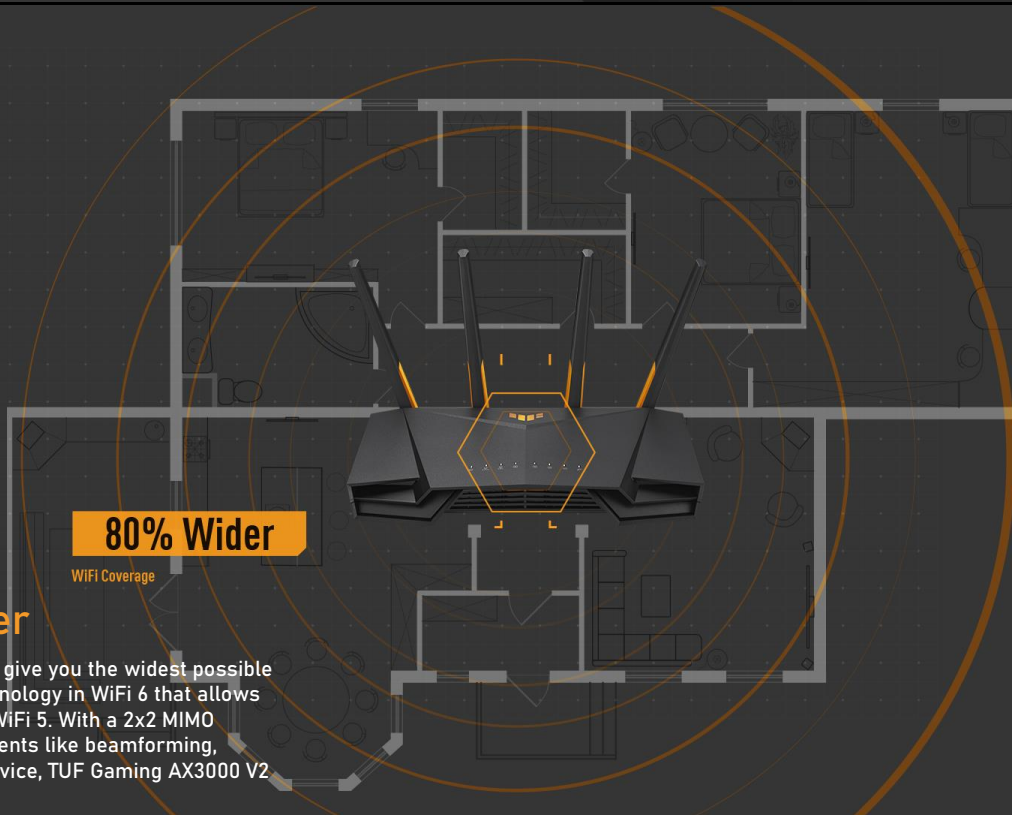


80% Wider

WiFi Coverage

WiFi that Goes Further

We've designed TUF Gaming AX3000 V2 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 2x2 MIMO configuration, along with other enhancements like beamforming, which focuses the signal towards each device, TUF Gaming AX3000 V2 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 AX3000 V2 is engineered to deliver maximum WiFi performance. The vent location and heatsink design improve cooling for increased stability, and the fixed antennas and metal port protectors increase physical durability.



Humidity Test



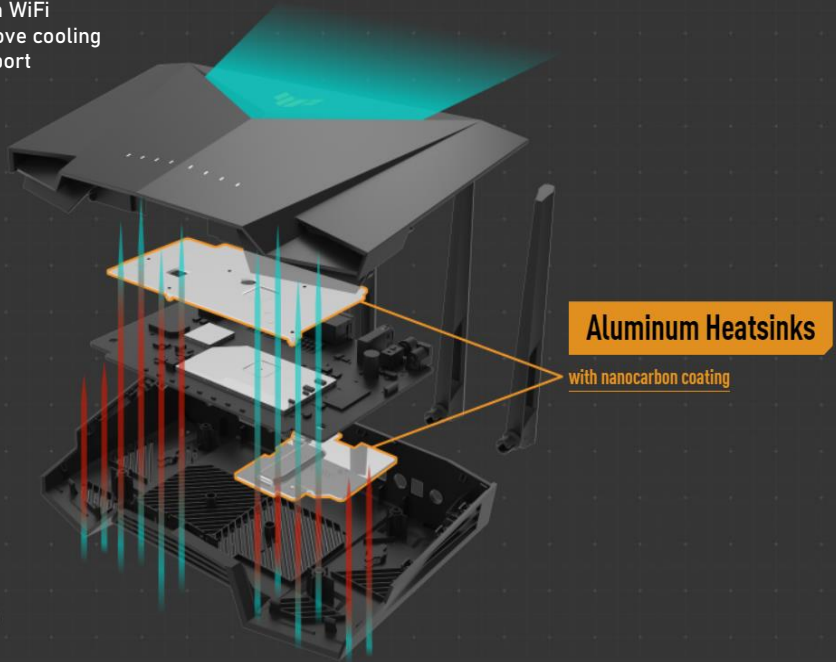
I/O Test



Stress Test



EMI Test



01.

Fixed Antennas



02.

Metal Port Protector

One Router. All Game Types.

TUF Gaming AX3000 V2 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.



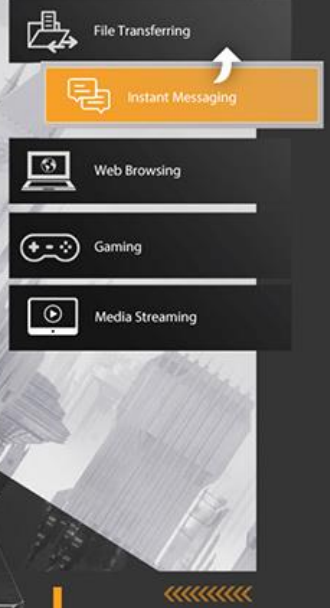
Port Forwarding in 3 Steps

Using Open NAT on TUF Gaming AX3000 V2 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!



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.

Without VPN Fusion

With VPN Fusion



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 AX3000 V2 includes lifetime free AiProtection Pro, including the latest WPA3 security protocol and advanced Parental Controls. Every device is protected with TUF Gaming AX3000 V2, and you can keep an eye on everything that's happening on your network via the handy mobile app.



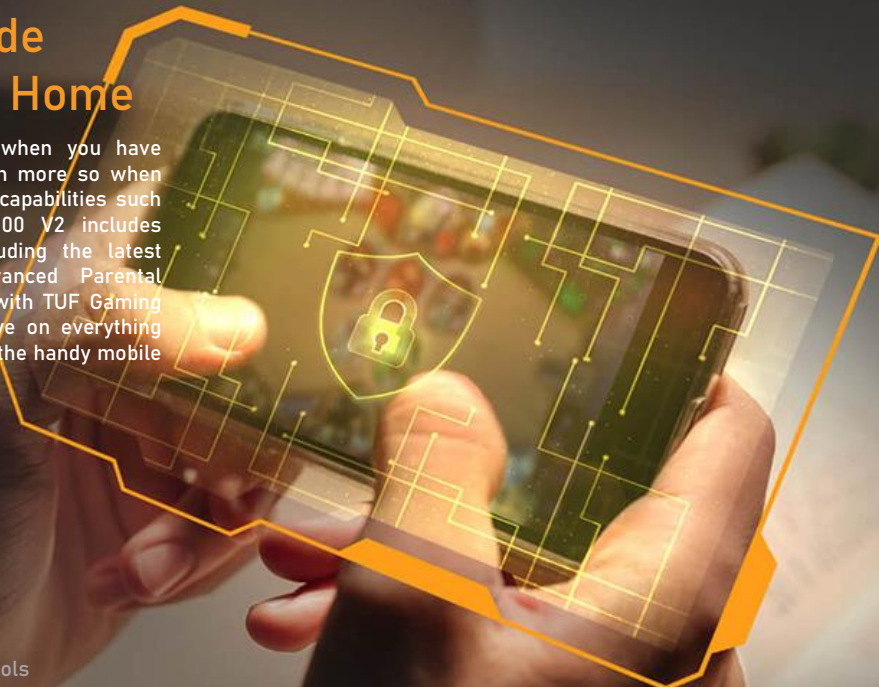
AiProtection Pro



WPA3 Security Protocol



Advanced Parental Controls



More Privacy, Anywhere

Instant Guard gives you one-click secure internet access via TUF Gaming AX3000 V2 from anywhere in the world, thanks to its encrypted data-tunneling VPN technology. With TUF Gaming AX3000 V2, 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



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 AX3000 V2 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 2402 Mbps
- Wired Connectivity : 4x LAN, 1x 2.5G WAN, Gigabit Ethernet ports
- USB Ports : 1 x USB 3.2 Gen 1 x 1



Official Site

Dimension

TUF Gaming AX3000 V2 WiFi 6 Router

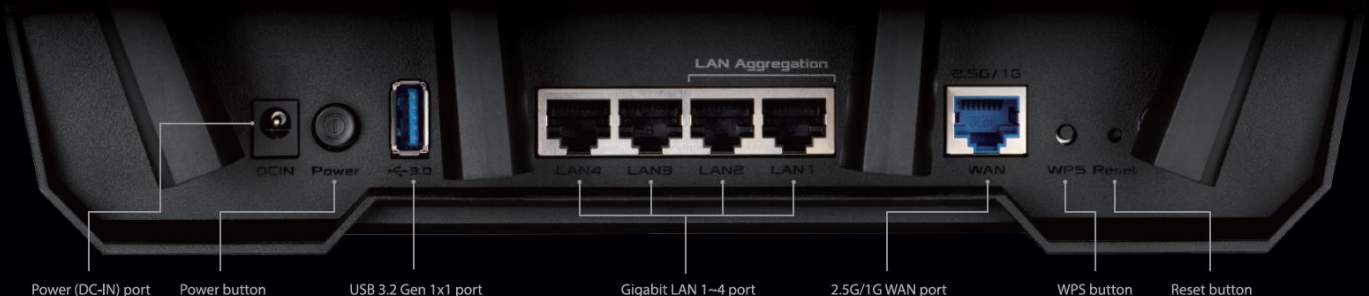
- 265 x 178 x 186 mm (with antenna)
- 574 g

Color Box

- 375 x 368 x 89 mm
- 1286 g

*Weight and content may vary by region.

Connectivity



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	AX3000 ultimate AX performance: 574+2402 Mbps
Coverage	Very Large homes
Data Rate	802.11ax (2.4GHz) : up to 574 Mbps 802.11ax (5GHz) : up to 2402 Mbps
Antenna	External antenna x 4
Transmit/Receive	2.4 GHz 2 x 2 5 GHz 2 x 2
Processor	1.7 GHz quad-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 2.5 Gigabits BaseT for WAN x 1, RJ45 for Gigabits BaseT for LAN x 4 USB 3.2 Gen 1 x 1

	<p>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 IPTV support Roaming Assist OFDMA Beamforming</p>
Features	
Button	WPS Button, Reset Button, Power Button
LED Indicator	Power x 1 2.4GHz x 1 5GHz x 1 LAN x 4 WAN x 1
Power Supply	AC Input : 100V~240V(50~60Hz) DC Output : 12 V with max. 1.5 A current
OS Support	Windows [®] 11 Windows [®] 10 Windows [®] 8 Windows [®] 7 Mac OS X 10.6 Mac OS X 10.7 Mac OS X 10.8
Operation mode	Wireless router mode Access point mode Media bridge mode Repeater mode AiMesh node mode