

# ROG RAPTURE GT-AXE16000



Overwhelming powerful WiFi 6E Quad-band AXE16000 gigabit WiFi gaming router



- World's first quad-band WiFi 6E gaming router – Ultrafast WiFi 6E (802.11ax) quad-band WiFi router boosts speeds up to 16000 Mbps.
- New 6 GHz frequency band – Wider channels and higher capacity delivers higher performance, lower latency, and less interference.
- Expanded coverage – The exclusive ASUS RangeBoost Plus improves signal range and overall coverage.
- Flexible AiMesh configuration – Dedicated 5 GHz or 6 GHz backhaul using ASUS AiMesh routers for more flexible device options.
- Dual 10G ports – Enjoy up to 10X-faster data-transfer speeds for bandwidth-demanding tasks with two 10 Gbps WAN/LAN ports.
- 2.5G WAN port – 2.5 Gbps port prioritizes all network traffic, and unlocks the full potential of WiFi 6.
- Triple-level game acceleration - Accelerate game traffic every step of the way – from device to game server.

## The world's first quad-band WiFi 6E gaming router

The trailblazing ROG Rapture GT-AXE16000 is the world's very first quad-band WiFi 6E gaming router, delivering incredible speeds of up to 16000 Mbps. We've unlocked the full potential of the four frequency bands — 2.4 GHz, two 5 GHz bands, and 6 GHz — with 160 MHz channels in the 5 GHz and 6 GHz bands to bring you the fastest speeds possible.



Total WiFi Speed up

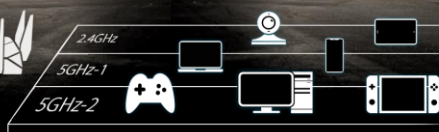
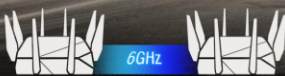
2.4 GHz	1148 Mbps
5 GHz-1	4804 Mbps
5 GHz-2	4804 Mbps
6 GHz	4804 Mbps

## Built as the ultimate AiMesh router

When using AiMesh nodes, one of GT-AXE16000's two 5 GHz bands can be configured as a dedicated backhaul connection to the central router, freeing up the 2.4 GHz band, second 5GHz band and the 6 GHz bands for device connections. Alternatively, with WiFi 6E AiMesh nodes you can configure a 6 GHz backhaul connection, providing fast and interference-free transmission between nodes for an optimized mesh experience.



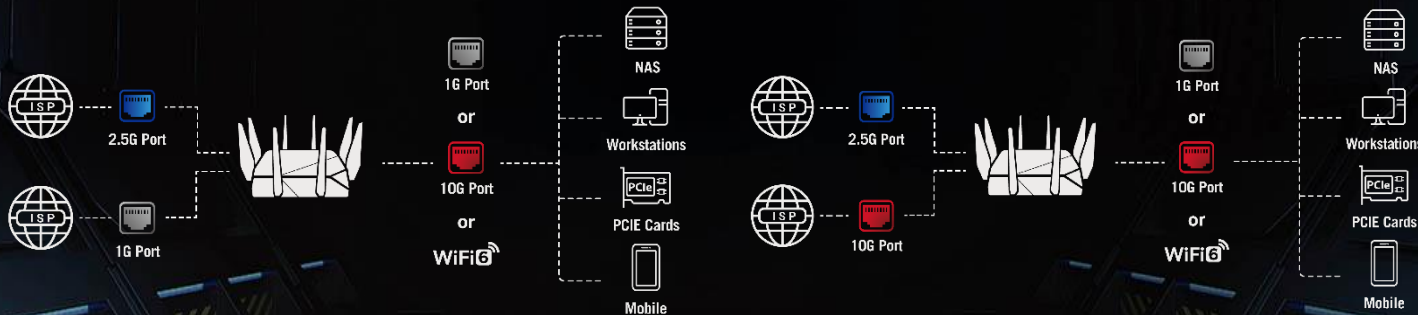
### Dedicated 5 GHz backhaul



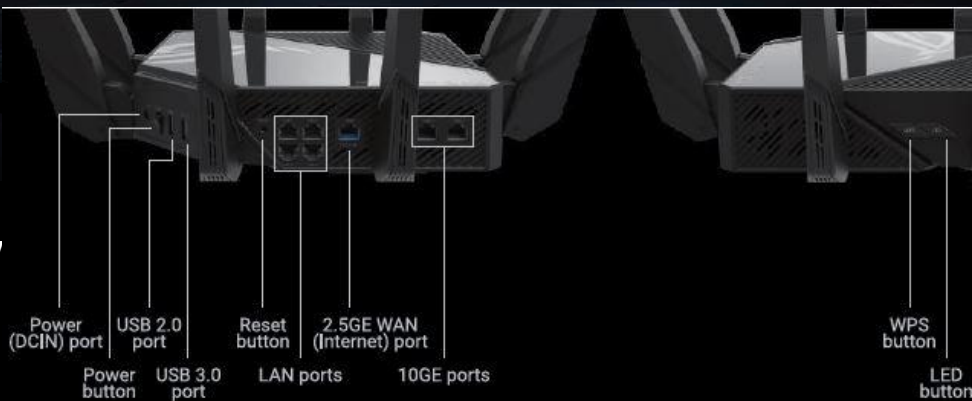
### 6 GHz backhaul

### Flexible network port configuration

Multi-WAN usage is increasingly popular, and it's great for those who need unstoppable internet. With one 2.5 Gbps WAN port and two 10 Gbps ports that can also be configured as WAN ports, you don't have to rely on a single ISP. With dual internet connections from two different ISPs, even if one fails, you'll still have access to the other. Additionally, it also support link aggregation.



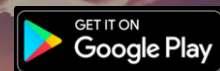
### Connectivity



### ASUS Router App

#### Control Your Network Anywhere.

ASUS Router App allowing you to setup your router, manage network traffic, diagnose connection issues and even update firmware, all without needing to boot up a PC.



### What's Inside the Box

- ROG Rapture GT-AXE16000 Quad-band Gaming Router
- RJ-45 cable
- Power adapter
- Warranty card
- Quick start guide

### Specifications

- Wireless Type : 802.11 ax(6GHz/5GHz/2.4GHz)/ac/n/g/a/b
- Wireless Speed : 2.4GHz up to 1148 Mbps / 5GHz-1 up to 4804Mbps / 5GHz-2 up to 4804Mbps / 6GHz up to 4804Mbps
- Wired Connectivity : 4 x LAN ports, 1 x 2.5G WAN port, 2 x 10G WAN/LAN port
- USB Ports : 1 x USB 3.2 Gen 1(USB 3.0) port, 1 x USB 2.0 port
- Warranty : 2 years (varies by regions)



Scan to check full specs



# SPECIFICATION

## ROG RAPTURE GT-AXE16000

<b>Product Segment</b>	AXE16000 ultimate AX/AXE performance
<b>Coverage</b>	Very Large homes
<b>Data Rate</b>	802.11ax (2.4GHz) : up to 1148 Mbps
	802.11ax (5GHz -1) : up to 4804 Mbps
	802.11ax (5GHz -2) : up to 4804 Mbps
	802.11ax (6GHz) : up to 4804 Mbps
<b>Antenna</b>	External antenna x 8 (Undetachable antenna)
<b>Transmit/Receive</b>	2.4 GHz : 4 x 4
	5 GHz -1 : 4 x 4
	5 GHz -2 : 4 x 4
	6 GHz : 4 x 4
<b>Processor</b>	2.0 GHz quad-core processor
<b>Memory</b>	256 MB Flash
	2 GB DDR4 RAM
<b>Wi-Fi Technology</b>	OFDMA (Orthogonal Frequency Division Multiple Access)
	Beamforming: standard-based and universal
	1024-QAM high data rate
	20/40/80/160 MHz bandwidth
<b>Operating Frequency</b>	2.4 GHz / 5 GHz-1 / 5 GHz -2 / 6GHz
<b>Encryption</b>	WPA3-Personal, WPA2-Personal, WPA-Personal, WPA-Enterprise , WPA2-Enterprise, WPS support
<b>Firewall &amp; Access Control</b>	Firewall: SPI intrusion detection, DoS protection
	Access control : Parental control, Network service filter, URL filter, Port filter
<b>Management</b>	UPnP, IGMP v1/v2/v3, DNS Proxy, DHCP, NTP Client, DDNS,
	Port Trigger, Port Forwarding, DMZ, System Event Log
<b>VPN Support</b>	IPSec Pass-Through
	PPTP Pass-Through
	L2TP Pass-Through
	IPSec server
	PPTP server
	OpenVPN server
	PPTP client
	L2TP client
OpenVPN client	
<b>WAN Connection Type</b>	Internet connection type : Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP
<b>Utilities</b>	Router setup wizard; Firmware restoration; Device discovery; printer setup utility
<b>Ports</b>	RJ45 for 2.5G BaseT for WAN x 1, RJ45 for Gigabits BaseT for LAN x 4, RJ45 for 10G BaseT for WAN/LAN x 2
	USB 3.2 Gen 1 x 1, USB 2.0 x 1

<b>Features</b>	<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, 6 GHz x 3  VPN server : PPTP Server, OpenVPN Server, IPSec server  VPN client : PPTP client, L2TP client, OpenVPN client  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>
<b>Button</b>	Reset Button, Power Switch, WPS Button, LED Button
<b>LED Indicator</b>	Power x 1 2.4GHz x 1 5GHz-1 x 1 5GHz-2 x 1 10GE x 1 LAN x 1 WAN x 1
<b>Power Supply</b>	AC Input : 110V~240V(50~60Hz) DC Output : 19 V with max. 3.42 A /19.5 V with max. 3.33 A
<b>OS Support</b>	Windows <sup>®</sup> 11 iOS
<b>Dimensions (Product)</b>	354 x 354 x 193 mm (WxDxH); 2425 g
<b>Operation mode</b>	Wireless router mode Access point mode Repeater mode Media bridge mode