

ROG Rapture GT6

GT6 Tri-Band WiFi 6 Mesh WiFi System, covers up to 5,800 sq. ft., 2.5 G port, triple-level game acceleration, ASUS RangeBoost Plus, 5.9 GHz, subscription-free network security

- **High-Efficiency Performance** – WiFi 6 tri-band gaming mesh system with dedicated high-performance backhaul and 160 MHz channels that provide ultrafast speeds of up to 10,000 Mbps.
- **Stronger Backhaul** – The Smart Antenna determines the best signal direction and location that will maximize connection speeds.
- **Expanded Coverage** – Nine powerful internal antennas and ASUS RangeBoost Plus technology to cover up to 5,800 square feet.
- **Ultra-fast Wired Connection** – Enjoy up to 2.5 times faster wired connectivity with a 2.5 Gbps WAN port and LAN aggregation.
- **Triple-Level Game Acceleration** – Optimize game traffic every step of the way, from your device to the game server.
- **Comprehensive Network Security** - Subscription-free subscription to AiProtection by Trend Micro™ and ASUS Instant Guard, which secures your WiFi and protects your devices wherever you are.

Game-Ready Mesh WiFi

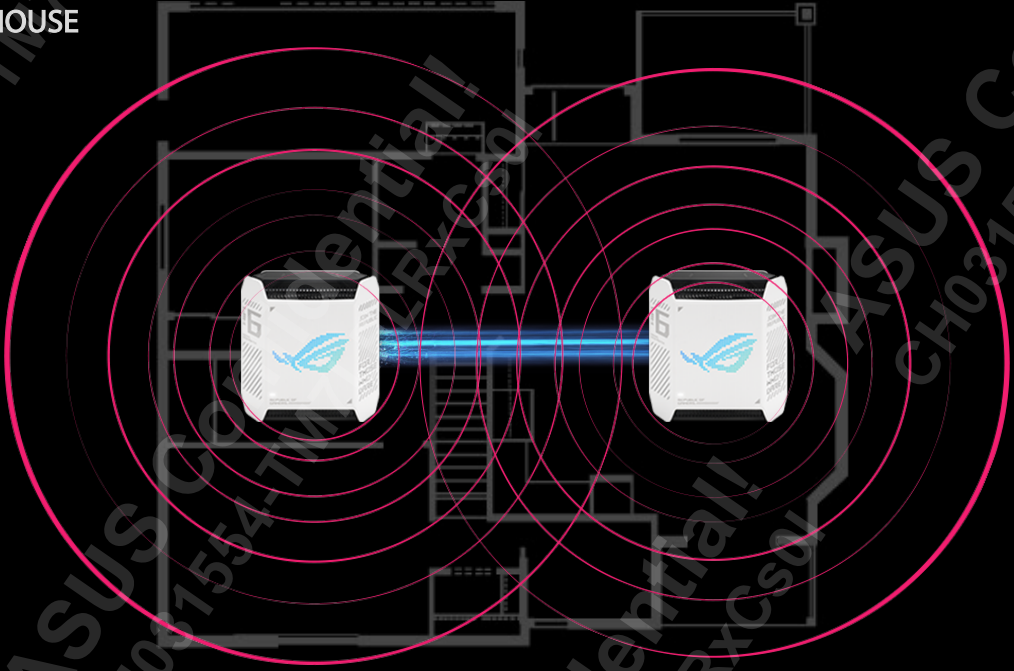
Experience the ideal all-around WiFi solution with the latest edition of the Rapture series. The ROG Rapture GT6 is the first tri-band ROG mesh WiFi system and is designed to deliver amazing experiences through the latest network technology. This next-gen gaming mesh WiFi system is your high-tech companion for your internet journey.



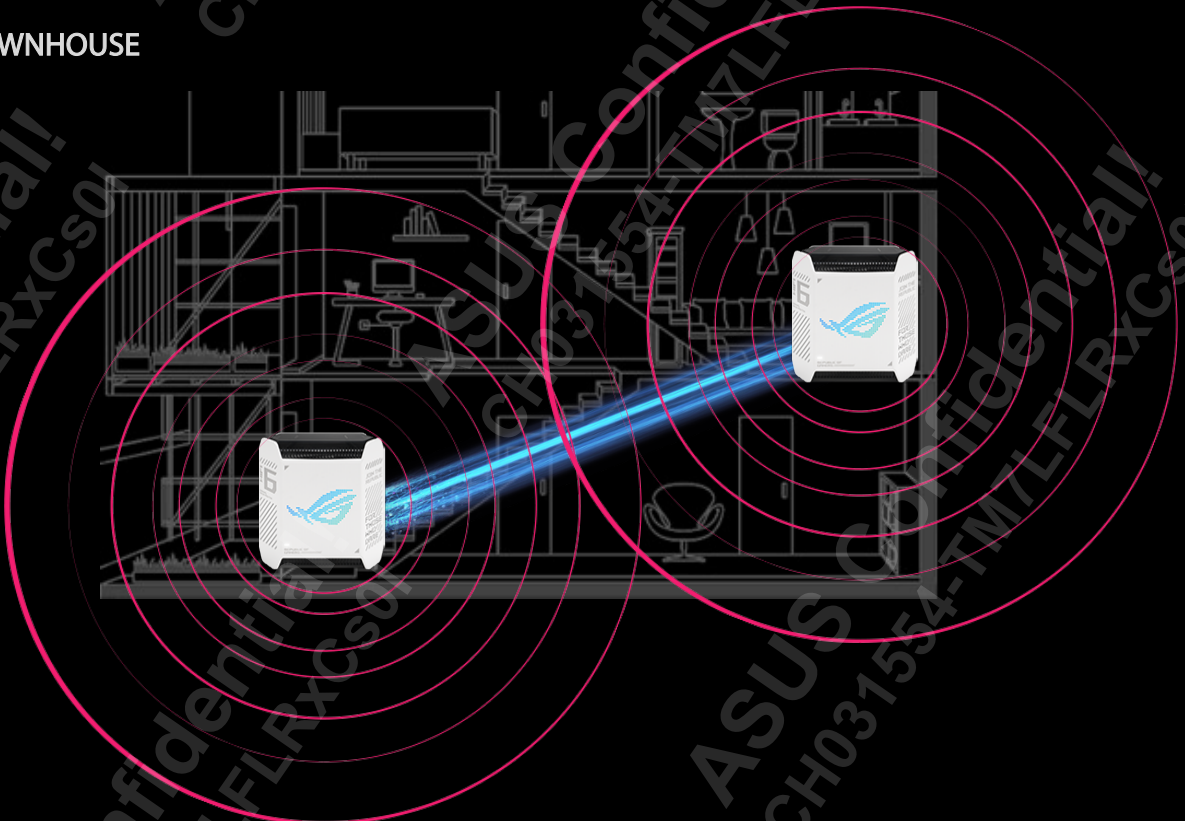
Made For Gamers – Zero Dead Zone

To ensure better backhaul performance for the GT6, we've included an additional "Smart Antenna" that detects the best signal, based on location and direction. Overall performance can increase by up to 15% compared to traditional antennas*. Strong connections across nodes mean that you get seamless WiFi experiences, whether you're having a conference call or playing a mobile game around the house.

L-SHAPED HOUSE



TOWNHOUSE



*This result varies depending on the location and direction of the GT6.

Made For Gamers – Less Interference

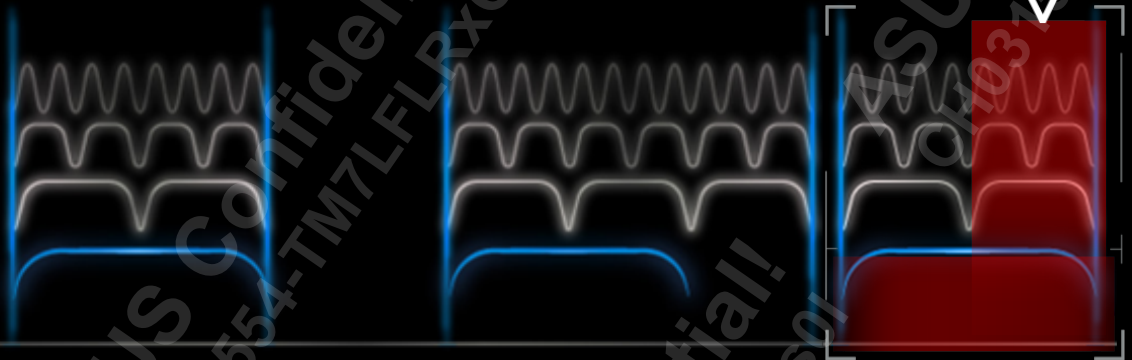
The ROG Rapture GT6 supports the newly expanded UNII-4 spectrum, also known as the 5.9 GHz band. This band fully unleashes the power of WiFi 6 by bringing a third and clear 160 MHz channel without any radar system interference¹. By leveraging this advantage, users can enjoy stable and powerful mesh backhaul performance that improves the signal range of the 160 MHz channel by up to 20%², without needing to upgrade to devices that explicitly support the 5.9 GHz band.

Expanded
5.9 GHz
Band

Up to
Three 160 MHz
Channels

5GHz

25 20 MHz
29 40 MHz
6 80 MHz
3 160 MHz



Three 160MHz channels

Made For Gamers – Latency-free

With ROG-exclusive triple-level game acceleration, you can enjoy the most stable connections, preventing jitter, reducing lag, lowering ping and boosting speeds for fantastic gaming experiences.



¹Due to regulatory restrictions, the expanded UNII-4 spectrum and the 160MHz bandwidth may be unavailable in the 5GHz band in some regions/countries. And to benefit from WiFi 6 router features, compatible WiFi 6 devices are required.

²Measured using a WiFi 6 UNII4-supported mesh system, compared to non-UNII4 mesh system

Expanded Coverage with RangeBoost Plus

ASUS RangeBoost Plus is the latest, most powerful version of our renowned RangeBoost technology, which can improve the coverage and WiFi performance significantly compared to other models without RangeBoost.

Support
38%¹
signal range and coverage

Up to
5,800²
sq.ft.

Up to
6+
rooms

What's Inside the Box

- ROG Rapture GT6 Gaming Mesh System
- RJ-45 cable
- Power adapter
- Warranty card
- Quick start guide

Dimension

ROG Rapture GT6

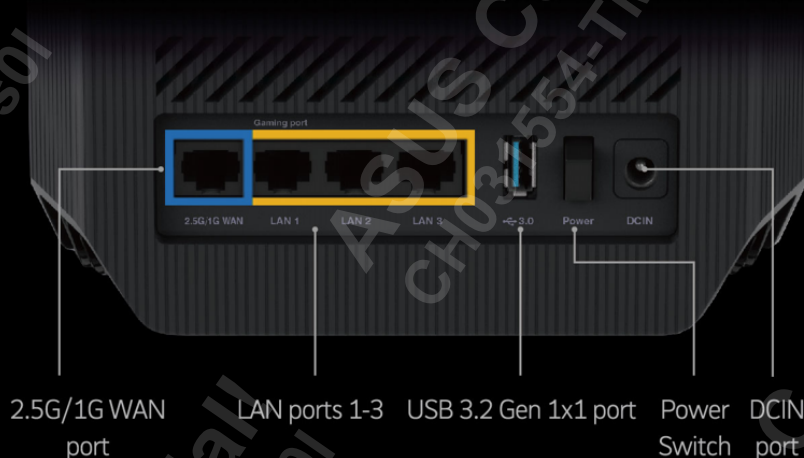
- 172.3 x 78.1 x 176.75 mm
- 880 g

Color Box

- 425 x 280 x 140 mm
- 4161 g

*Weight and content may vary by region.

Connectivity



Official Site

¹Measured using a WiFi 6 client connected at 200 Mbps to a WiFi 6 router with RangeBoost Plus, compared to the same WiFi 6 client connected at 200 Mbps to a WiFi 5 router without RangeBoost Plus.

²Actual 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.

Specifications

Network Standard	Wi-Fi 6 (802.11ax), Backwards compatible with 802.11a/b/g/n/ac Wi-Fi IPv4, IPv6
Product Segment	AX10000 ultimate AX performance
Data Rate	2.4GHz AX: 2x2 (Tx/Rx) 1024 QAM 20/40MHz, up to 574Mbps 5G-1Hz AX: 4x4 (Tx/Rx) 1024 QAM 20/40/80/160MHz, up to 4804Mbps 5G-2Hz AX: 4x4 (Tx/Rx) 1024 QAM 20/40/80/160MHz, up to 4804Mbps
Antenna	Internal antenna x 9
Transmit/Receive	2.4 GHz 2 x 2, 5 GHz-1 4 x 4, 5 GHz-2 4 x 4
Processor	1.7 GHz tri-core processor
Memory	256 MB Flash 512 MB DDR4 RAM
Booster speed	OFDMA (Orthogonal Frequency Division Multiple Access) Beamforming: standard-based and universal 1024-QAM high data rate 20/40/80/160 MHz bandwidth * The 160MHz bandwidth may be unavailable in the 5GHz band in some regions / countries due to regulatory restrictions.
Operating Frequency	2.4 GHz, 5 GHz-1, 5 GHz-2
Ports/Button	1 x 2.5 Gigabit WAN Port, 3 x Gigabit LAN Ports, 1 x USB 3.2 Gen 1x1 Port WPS Button, Reset Button, Power Switch
LED Indicator	Power x 1
Power Supply	AC Input : 110V~240V(50~60Hz) DC Output : 19 V with max. 2.37 A current / 19.5 V with max. 2.31 A current
AiMesh	AiMesh, Primary AiMesh router, AiMesh node
Game	Game Boost/acceleration Game Radar WTFast ROG_First OpenNAT (Game Profile) Gaming port
Alexa/IFTTT	Support Alexa skill/IFTTT
AiProtection	AiProtection Pro Router Security Assessment Malicious site blocking Two-Way IPS Infected Device Prevention and Blocking
Parental Control	Parental Control Parental Control Customized Internet schedule
Traffic Control	Adaptive QoS Bandwidth Monitor Bandwidth limiter Traditional QoS Traffic Monitor Real-time traffic monitor Wired Traffic Monitor Wireless Traffic Monitor Traffic Analyzer Traffic analysis period : Daily, Weekly, Monthly Website history

<p>Wireless</p>	<p>IPv6 MU-MIMO WiFi Encryption : WPA3 Personal, WPA2 Personal, WPA Personal, WPA Enterprise, WPA2 Enterprise, Open System UTF-8 SSID Guest Network Guest Network Connection time limit WPS Wi-Fi MAC address filter Maximum MAC filters : 64 Wireless scheduler Wi-Fi Radar Airtime fairness RADIUS Server Universal beamforming</p>
<p>WAN</p>	<p>Explicit beamforming Dual WAN 3G/4G LTE dongle Android tethering Port forwarding Maximum port forwarding rule : 64 Port triggering Maximum port triggering rule : 32 DMZ, DDNS NAT Passthrough : PPTP, L2TP, IPSec, RTSP, H.323, SIP Passthrough, PPPoE relay Let's Encrypt, Safe browsing, DNS-over-TLS</p>
<p>LAN</p>	<p>DHCP Server, IGMP snooping, IPTV LAN Link Aggregation, Manually assign IP address</p>
<p>VPN</p>	<p>Client: L2TP, OVPN, PPTP, WireGuard Server: IPSec, OVPN, PPTP, WireGuard VPN Fusion</p>
<p>USB application</p>	<p>File System : HFS+, NTFS, vFAT, ext2, ext3, ext4 HDD hibernation Safely Remove disk AiCloud, Download master, AiDisk, Media Server Time Machine Samba Server, FTP Server Shared Folder privileges</p>
<p>Administration</p>	<p>Operating mode : Wireless router mode, Access point mode Free OS upgrade Firewall Maximum Firewall keyword filter : Max 64 rules Maximum Firewall network service filter : Max 32 rules Maximum Firewall URL filter : Max 64 rules Wake on LAN (WOL) SSH Configuration backup and restore Diagnosis tools, Feedback system, System log New Device Connect Notification Login Captcha Connection Diagnosis Security Scan Auto Firmware Update</p>