

GT-BE98 Quad-band WiFi 7 (802.11be) Gaming Router, support new 320MHz bandwidth & 4096-QAM, dual 10G ports, backup WAN, Triple-level Game Acceleration, Mobile Game Mode, AURA RGB, AiMesh support, subscription-free network security and comprehensive VPN features



- Beyond-fast WiFi 7 (802.11be) with new 320MHz channels in the 6 GHz band and 4096-QAM significantly increases network capacity and throughput, with speeds of up to 25 Gbps
- Multi-link Operation links to multiple bands at the same time to ensure stable internet connections and efficient data transfers
- Cutting-edge external dual-feeding antennas boost coverage by providing high efficiency and significantly enhanced signal strength
- Maximized wired connectivity and flexibility with dual 10G ports and quad 2.5G ports, paving the way for most bandwidth-intensive games
- Subscription-free network security with commercial-grade AiProtection Pro powered by Trend Micro™, plus a one-tap security scan and Safe Browsing
- Comprehensive VPN features including advanced site-to-site VPN and the Instant Guard mobile app for secure connection over public WiFi
- AiMesh extendable routers enable whole home seamless roaming with rich, advanced features



GAME BEYOND SPEEDS

The Rapture series continues to push the boundaries of what is possible for gaming and networking. The ROG Rapture GT-BE98 is a quad-band WiFi 7 gaming router tailored for next-gen computing, with speeds of up to 25 Gbps and dual 10Gbps ports.

Leap Forward with WiFi 7

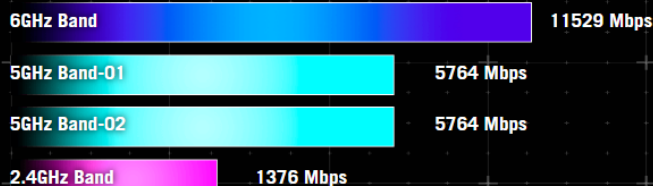
WiFi 7 (IEEE 802.11be) expands existing WiFi standards to a whole new level while bringing revolutionary features such as Multi-Link Operation (MLO).

Beyond fast Up to Up to Up to

25 Gbps **2.4X Faster** **2X Capacity** **1.2X Transmission**

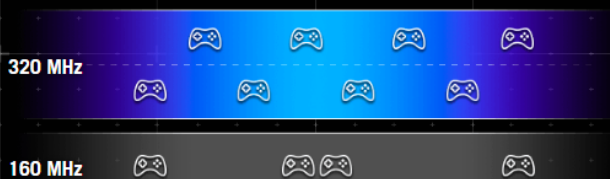
Ultimate Quad-band Speeds

The ROG Rapture GT-BE98 is designed for gamers who want to keep multiple devices connected and still get incredible gaming performance. Enjoy up to sixteen simultaneous WiFi streams for more video streaming, gaming, and browsing for everyone in your home.



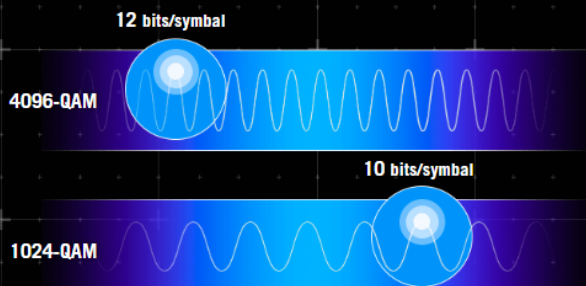
Ultrawide 320 MHz Bandwidth

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High-density 4096-QAM Data Transmission


4K-QAM can improve data transmission rates versus WiFi 6/6E by up to 20%, because a higher QAM can pack signals more densely. Continuing with the freeway analogy, now higher QAM permits more merchandise to be loaded into every vehicle. In other words, you can now upload and download more data in the same time frame as before.



Revolutionary Multi-link Operation



Multi-Link Operation (MLO) allows a device to simultaneously connect on multiple frequency bands, enabling faster speeds by aggregating bandwidth, with more reliable WiFi connections on multiple concurrently used bands. Connecting to multiple bands in this manner also enables "seamless switching" where your data will automatically be allocated to the most suitable band to reduce latency.




Cloud Computing
Cloud Computing


The Next-gen Powerhouse

The ROG Rapture GT-BE98 is powered by a powerful quad-core 2.6 GHz CPU and WiFi chipset, giving it the performance to handle even the most demanding scenarios, such as 10 Gbps WiFi connections, next-gen cloud-based computing, cloud gaming and cloud AI.


System Integration

Smart Homes

Industrial IOT


Pro-grade 2.6 GHz

CPU

with quad-core

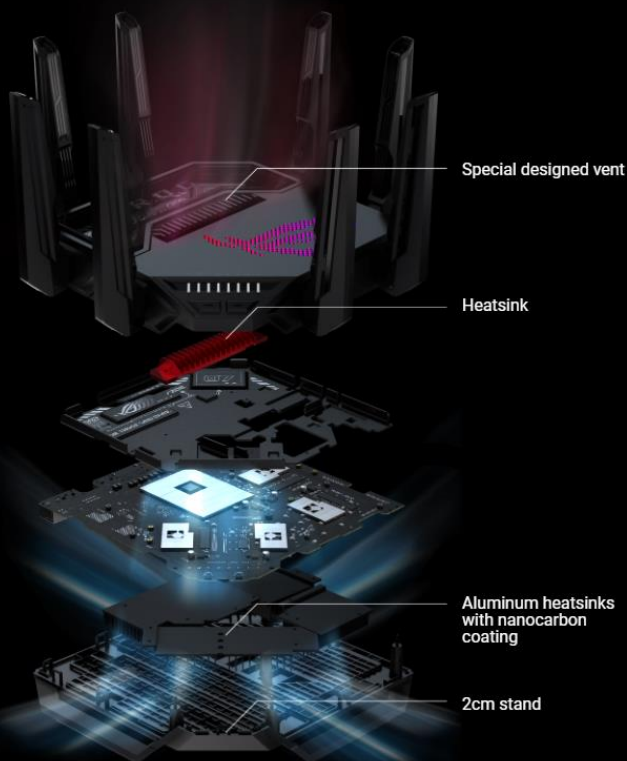
Blockchain

Machine Learning

Big Data


Eliminate WiFi Dead Zones

The ROG Rapture GT-BE98 is equipped with eight powerful external 16-stream dipole antennas, where each stream has an independent high-power radio frequency amplifier. Plus, four antennas use a dual-feed design covered by copper tubes that provide high gain, significantly improving signal strength. The optimized antenna array ensures better signal isolation for seamless transmission and reception at the same frequency.



Look Cool, Game Cool

Heat can kill performance. The ROG Rapture GT-BE98 features an aluminum plate on the top that is 25% thicker*, an abrasive-blasted nanocarbon layer and a two-centimeter stand. Coupled with a specially designed vent and heatsink, this router improves airflow with 18% better heat dissipation.

*Compared to ROG Rapture GT-AXE16000

Maximized Connectivity and Flexibility



Dual 10G Ports

Future-proof wired speeds for ultimate PC gaming and other demanding devices or applications.

Unleash the power of 10 Gbps network for gaming, streaming and other speed intensive applications. LAN aggregation support further boosts your wired network to up to 20 Gbps for more demanded devices such as workstation PC or NAS server.

Quad 2.5G Ports

Quad 2.5G ports ensure maximized wired connectivity and flexibility, paving the way for your most bandwidth-intensive games to leverage ultrafast internet connections.

Dedicated Gaming Port

The 10 Gbps LAN is configured as dedicated gaming port, prioritizing any connected gaming devices.

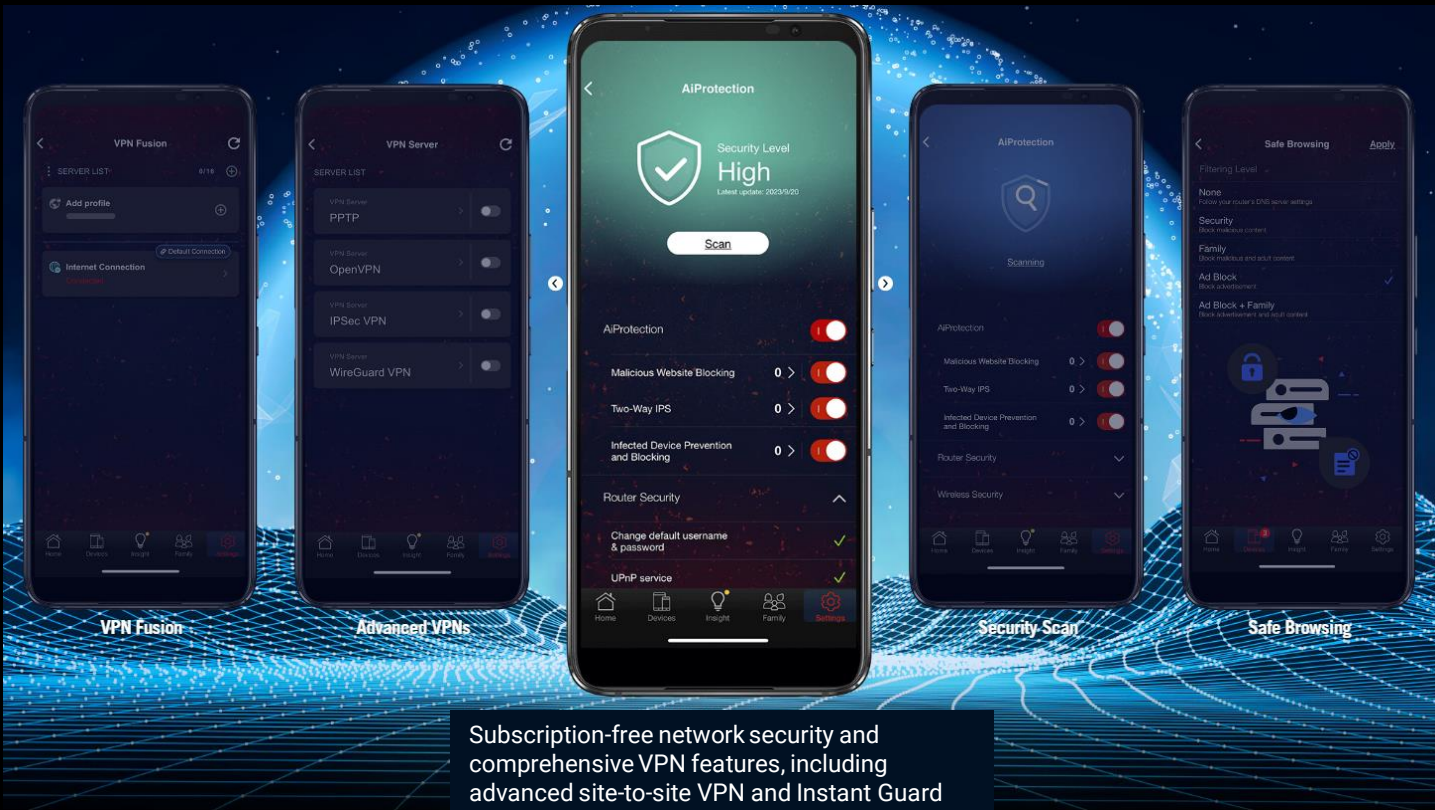
Versatile WAN options

Choose the WAN perfect for you with triple WAN ports design, including 10 Gbps WAN, 2.5 Gbps WAN or USB WAN. Plus, plug-and-play 4G/ 5G mobile tethering for always-on Internet.

Supercharging All Games

Boost PC, console and mobile gaming with Triple-Level Game Acceleration, Mobile Game Mode, OpenNAT and VPN Fusion





- *WiFi 7 features require WiFi routers and client devices with WiFi 7-supported operating systems to support the corresponding features.
- *The 320 MHz in the 6 GHz band may be unavailable in some regions / countries due to regulatory restrictions.
- *If no 6 GHz SSID is displayed, please check whether your OS and client device are fully licensed to support the 6 GHz band.
- *Firmware support for Multi-link Operation (MLO) on the ROG Rapture GT-BE98 is in development and will be released in late 2023 or later

What's Inside the Box

- GT-BE98 Quad-band Gaming Router
- RJ-45 cable
- Power adapter
- Warranty card
- Quick start guide

Specifications

- Wireless Type : 802.11 be/ax/ac/n/g/a/b
- Wireless Speed : 2.4GHz up to 1376 Mbps / 5GHz-1 & 5GHz-2 up to 5764 Mbps / 6GHz up to 11529 Mbps
- Wired Connectivity : 1x 10G WAN/LAN, 1x 10G LAN, 1x 2.5G WAN/LAN, 3 x 10G LAN, 1 x 1G LAN
- USB Ports : 1 x USB 3.0(USB 3.2 Gen 1), 1 x USB 2.0

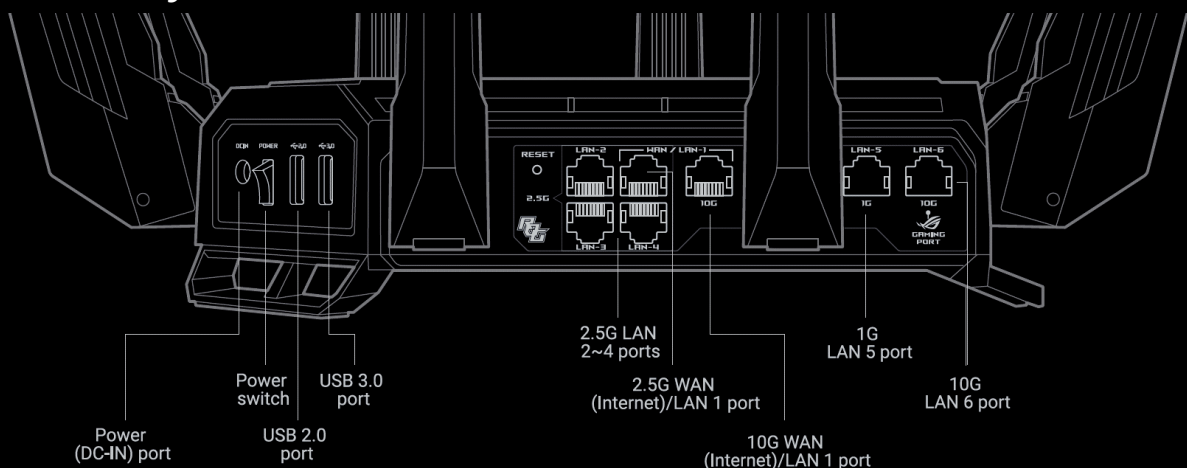
Connectivity



Win11
Support

IPv6
Support

3 Year
Warranty



Specifications	
Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11be, IPv4, IPv6
Product Segment	BE25000 ultimate BE performance
Coverage	Very Large homes
Data Rate	802.11be (2.4GHz) : up to 1376 Mbps
	802.11be (5GHz-1) : up to 5764 Mbps
	802.11be (5GHz-2) : up to 5764 Mbps
	802.11be (6GHz) : up to 11529 Mbps
Antenna	Non-detachable external antenna x 8
Transmit/Receive	2.4 GHz 4x4; 5 GHz-1 4x4; 5 GHz-2 4x4; 6 GHz 4x4
Processor	2.6 GHz quad-core processor
Memory	256 MB Flash, 2 GB RAM
Operation Frequency/Power	2.4 GHz < 20dBm, 5 GHz < 30dBm, 6 GHz < 23dBm
WiFi Technology	OFDMA (Orthogonal Frequency Division Multiple Access)
	Beamforming: standard-based and universal
	4096-QAM high data rate
	20/40/80/160/320 MHz bandwidth
Encryption	WPA/WPA2/WPA3-Personal, WPA/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,
	Port Trigger, Port Forwarding, DMZ, System Event Log
VPN Support	IPSec Pass-Through
	IPSec server
	PPTP Pass-Through
	L2TP Pass-Through
	PPTP server
	OpenVPN server
	PPTP client
	L2TP client
WAN Connection Type	OpenVPN client
	Internet connection type : Automatic IP, Static IP, PPPoE(MIPPE supported), PPTP, L2TP
Utilities	Router setup wizard; Firmware restoration; Device discovery; printer setup utility
Ports	RJ45 for 10G BaseT for WAN/LAN x 1,
	RJ45 for 10G BaseT for LAN x 1,
	RJ45 for 2.5G BaseT for WAN/LAN x 1,
	RJ45 for 2.5G BaseT for LAN x 3,
	RJ45 for Gigabits BaseT for LAN x 1
	USB 3.2 Gen 1 x 1
	USB 2.0 x 1
Button	WPS Button, LED button, Reset Button, Power Switch
LED Indicator	Power x 1, 2.4G x 1, 5G-1 x 1, 5G-2 x 1, 6G x 1, WAN(Internet) x 1, 10G LAN x 1, LAN x 1
Power Supply	AC Input : 110V~240V(50~60Hz)
	DC Output : 19.5V with max. 3.33 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

Features	ASUS Router app Link Aggregation WAN Aggregation MU-MIMO Traffic Analyzer Adaptive QoS AiProtection Pro Parental Control Guest Network : 2.4 GHz x 3, 5 GHz-1 x 3, 5 GHz-2 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 ASUS AURA RGB lighting Instant Guard Gaming Port Game Boost Gamer VPN Gear Accelerator Mobile Game Mode Open NAT VPN fusion
Product Dimensions	with Antenna: 350.41 x 350.41 x 220.9 mm
Product Weight	2 Kg
Operation mode	Wireless router mode Access point mode Media bridge mode Repeater mode AiMesh node mode