

GT-BE98 Edition 20 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, AiProtection and comprehensive VPN features



- Exclusive gold-on-black aesthetic celebrates 20 years of ROG innovation with a premium, collector-grade design that embodies power, prestige, and iconic ROG DNA.
- Beyond-fast WiFi 7 (802.11be) with 320MHz channels in the 6 GHz band and 4096-QAM significantly increases network capacity and throughput, with speeds of up to 25Gbps
- 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
- Two 10G ports and four 2.5G ports maximize wired connectivity and flexibility, paving the way for the most bandwidth-intensive multiplayer gaming
- Network security arrives via commercial-grade AiProtection, plus a one-tap security scan and Safe Browsing
- Comprehensive VPN features include advanced site-to-site VPN and the Instant Guard mobile app for secure connection over public WiFi



Innovate. Perform. Dominate.

The limited-edition GT-BE98 Edition 20 inherits two decades of ROG innovation and pushes the boundaries of high-performance networking. This router features ultra-fast connectivity, advanced performance technologies, and a premium anniversary design that stands as a bold expression of the ROG tradition.

For two decades, ROG has stood at the forefront of gaming innovation, pushing boundaries and defining excellence. To commemorate this monumental 20th anniversary, ROG proudly unveils a special selection of limited-edition ROG components and gear featuring an alternative colorway and leading innovations. More than an aesthetic, this colorway reflects core values that are a testament to an enduring legacy.

WiFi 7



Up to
**2.4X
Faster**
WiFi Speeds

Up to
**20%
More Transfers**
4K-QAM

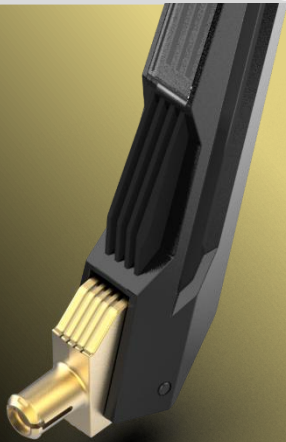
Up to
**2x
Bandwidth**
320 MHz Channels

Extreme Throughput. Total Connectivity.

Combining high-performance processing with up to 31G wired capacity, the GT-BE98 Edition 20 is equipped with two 10G and four 2.5G Ethernet ports for uncompromised speed. Advanced networking features help ensure stable, flexible, and always-on connectivity.

Precise Design

The sleek gold-on-black aesthetic highlights precision-crafted details, from a metallic finish to exclusive anniversary accents. Each element reflects 20 years of ROG innovation, creating a refined yet bold look that embodies performance and prestige.



Golden Antenna Base

The antenna base is finished with a precisely applied gold metallic coating, delivering a sophisticated metal-inspired texture and subtle gloss.

20th Anniversary Badge

The GT-BE98 Pro Edition 20 is forged with high-grade aluminum that sports a mirror-polished surface and diamond-cut detailing. This refined and reflective finish enhances collector-grade appeal and reinforces the exclusive position of this limited edition.



ROG Signature Pattern

The heat plate and chassis incorporate an exclusive ROG pattern, enhanced with metallic finishes and subtle red detailing. This cohesive design language merges performance-driven engineering with bold ROG identity, elevating thermal functionality and visual impact.

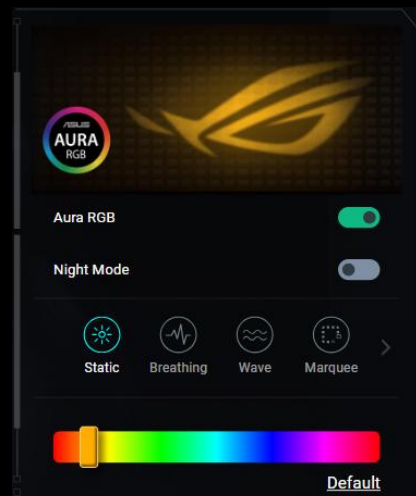
Signature Edition 20 Interface

An exclusive ROG Edition 20 web interface comes with a specially crafted color theme, bringing a refreshed visual experience that reflects the iconic ROG design and elevates your setup.



AURA RGB

It supports AURA RGB magic light effects, that was developed to perfectly complement your gaming rig for a true expression of individuality. Except offering multiple effects for a stylish vibe, the “Night Mode” also provides more comfortable brightness at night. Users can set up color and light effects freely through the Web GUI and ASUS router APP. It also features a refined gold-on-black visual theme that reflects ROG's iconic design heritage.



Maximized Connectivity and Flexibility



Dual 10G Ports

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.

Guest Network Pro

This feature supports up to five SSIDs and includes simplified parental controls, security, and guest WiFi.



Gaming Network

This dedicated SSID unites all gaming devices and offers three-level acceleration without complex device setups.



IoT Network

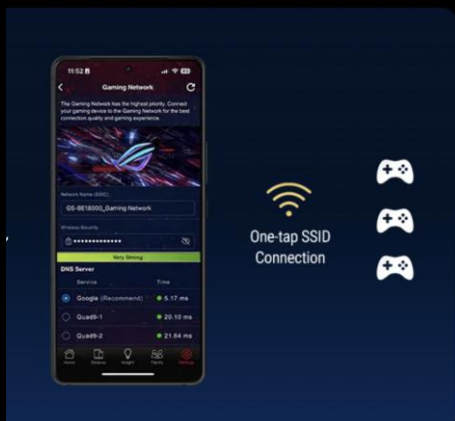
Set up and manage all your IoT devices under one secure SSID to ensure enhanced commercial-grade protection.



VPN Network

Connect to your preferred VPN service through a dedicated subnetwork with just one click.

Supercharge Your Gameplay



Gaming Acceleration, Simplified

The ROG Gaming Network is part of the Smart Home Master subnetwork suite, which enables you to create one or more SSIDs for advanced gamers who own multiple gaming devices, or in scenarios such as LAN parties where such devices can benefit from game acceleration.



Exclusive ROG First Game Boost

ROG First establishes a direct connection between an ROG router and an ROG gaming device or PC on the network to give any online game a performance boost.

Up to **47%** Lower Latency*

*Compared ROG Rapture GT-AXE11000 (tri-band WiFi 6)



Easy Game Console Port Forwarding

Enjoy faster connection speeds with OpenNAT for shorter lobby wait times and smoother gameplay for legacy game consoles or popular gaming handhelds.



One-Tap Mobile Game Boost

Prioritize network traffic for your favorite mobile game, minimizing lag and latency with just a tap on the ASUS Router mobile app.

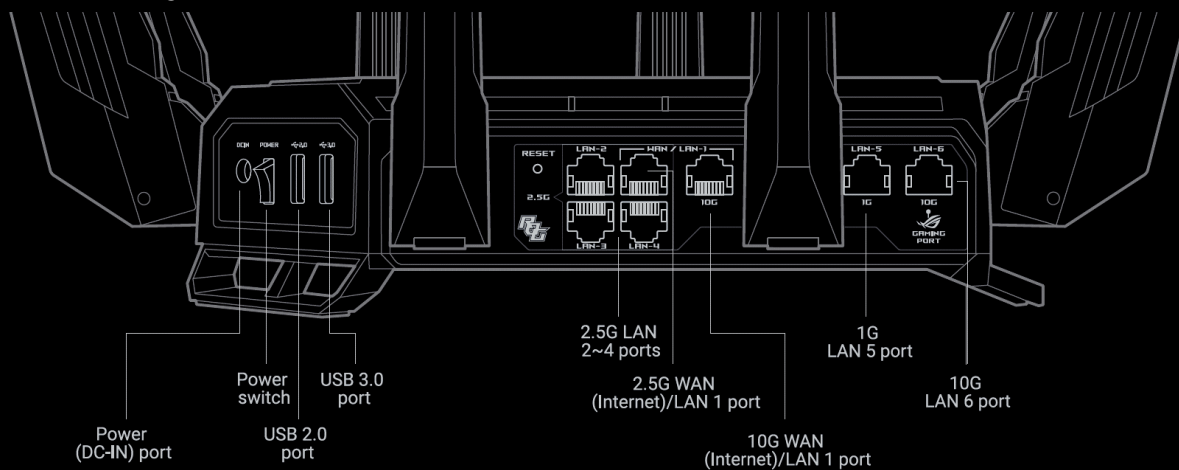
What's Inside the Box

- 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 up to 5764 Mbps
 - 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, 3x 10G LAN, 1x 1G LAN
- USB Ports : 1x USB 3.0(USB 3.2 Gen 1), 1x USB 2.0

Connectivity



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(MPPE 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 / 12V with max. 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

Features	ASUS Router app Link Aggregation WAN Aggregation MU-MIMO Traffic Analyzer Adaptive QoS AiProtection 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 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 - 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