

GS-BE18000 Tri-band WiFi 7 (802.11be) Gaming Router, support new 320MHz bandwidth & 4096-QAM, 8 x 2.5G ports, Triple-level Game Acceleration, Mobile Game Mode, AURA RGB, AiMesh support, subscription-free network security and comprehensive VPN features

- Tri-band WiFi 7, with a throughput of up to 18,000 Mbps, supporting 320 MHz channels, 4x4 on the 6 GHz band, MLO, and 4K-QAM
- 20G wired capacity with a 2.5G WAN port and seven 2.5G LAN ports
- High-performance quad-core 2.0 GHz CPU, 2GB RAM, and robust cooling
- Compact with eight internal antennas powered by 10 powerful FEMs, delivering coverage of up to 3,300 sq. ft.
- ROG-exclusive Gaming Network boosts Triple-Level Game Acceleration with Adaptive QoS, OpenNAT, and automatic MLO enabled by default, optimizing gameplay and reducing latency, plus a dedicated 2.5G gaming port for better performance.
- Triple-level network security with AiProtection Pro, Smart Home Master and pre-installed VPNs



Slash Through The Game

The ROG Strix GS-BE18000 is the ultimate gaming router, built for those who demand perfection. Blazing-fast speeds up to 18,000Mbps powered by cutting-edge tri-band WiFi 7 and 4x4 MIMO, plus a combined 20G wired capacity, ensure seamless, low-latency gaming across all platforms. The ROG- exclusive Gaming Network also brings groundbreaking one-tap SSID game acceleration, while Triple-Level Network Security secures and simplifies your connected world.

WiFi 7



Next-Level WiFi 7 Gaming

The ROG Strix GS-BE18000 redefines gaming connectivity with next-generation WiFi 7 (802.11be), featuring Multi-Link Operation, expanded 320MHz channels and cutting-edge 4K-QAM (Quadrature Amplitude Modulation). This powerful combination provides up to 18,000Mbps of tri-band speed, ensuring ultra-low latency, stability and seamless performance across all your gaming devices. Experience next-level WiFi performance that gives you a competitive edge to dominate the game.

Tri-band 18000Mbps

6GHz



11529Mbps

5GHz



5765Mbps

2.4GHz



688Mbps

Up to
**2.4X
Faster**
WiFi Speeds

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

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

**Low-Lag
Connections**
Tri-band MLO



Ultrawide 320MHz Channels

WiFi 7 introduces ultrawide 320MHz channels in the 6GHz band, doubling data transmission capacity*. This allows for significantly more simultaneous transmissions at the fastest-possible speeds.

*Compared to WiFi 6 160MHz channels



Ultimate Tri-Band MLO

Multi-Link Operation (MLO) enables buffering-free connections by intelligently combining and switching between the 2.4GHz, 5GHz and 6GHz bands. And the ROG Rapture GS-BE18000 is built for the future of all WiFi 7 devices, regardless of the MLO mode they use*.

*Supported MLO modes and bands may vary by device. Please refer to device specifications for details.

4096-QAM



1024-QAM



Enhanced 4K-QAM Transfer

Compared to 1024-QAM with WiFi 6, 4096-QAM technology allows each signal to densely incorporate larger amounts of data, improving transmission efficiency by up to 20%.

Slash the Limits of Control

The ROG Strix GS-BE18000 takes your gaming to the next level with cutting-edge performance and exceptional design. Built on ROG's "form follows function" philosophy, it delivers blazing speeds, seamless control and unmatched stability. With eight internal antennas and advanced cooling, it offers expansive coverage in a compact form. Optimized RF technology and premium hardware ensure peak performance for your most intense gaming sessions.

Quad-core 2.0GHz
CPU

Coverage of up to
3,300 sq. ft.

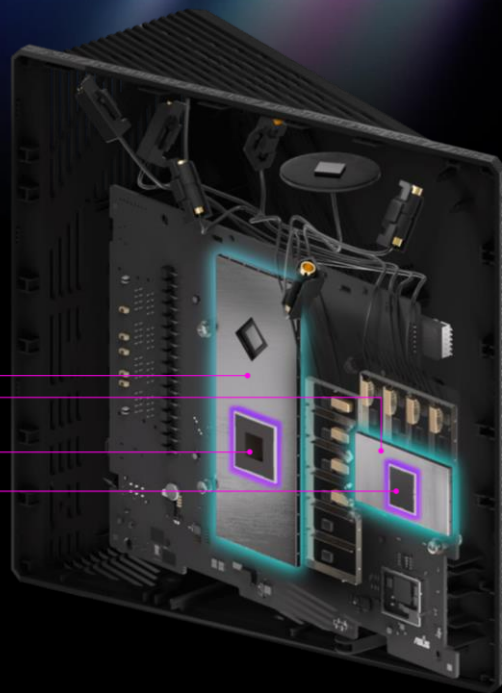


Built for Victory

The ROG Strix GS-BE18000 is powered by a 2.0GHz quad-core CPU and 2GB of DDR4 RAM, delivering high-speed data processing that maximizes network throughput, accelerates transfers and enhances your gaming experience with optimized management and security. It features two advanced WiFi chipsets, one dedicated to the 2.4GHz and 5GHz band and one exclusively for the 6GHz band, ensuring fast and stable connections across all your devices. Additionally, EMI shielding minimizes interference for smoother and uninterrupted connections.

EMI Shielding

CPU +
WiFi Chipset



Eight internal antennas (two on the PCB plus six copper tube antennas)



Ten High Power Front-End Modules (FEMs)

Conquer Every Corner

The ROG Strix GS-BE18000 features eight compact internal antennas, six of which use cutting-edge copper tube technology, powered by ten high-power front-end modules (FEMs), providing coverage of up to 3,300 sq. ft.

Chill Out, Game On

The “Slash PCB” design enables dual-side cooling, delivering superior heat dissipation and ensuring network reliability. The optimized airflow utilizes carbon-nano-coated aluminum heat plates, paired with custom-designed vents and heat spreaders.



Ample ventilation with optimized airflow

Nanocarbon-coated Aluminum Heat Plate

Light Up Your Game In Style

The ROG Strix GS-BE18000 lets you rock any vibe with customizable ROG Aura RGB lighting effects. Plus, the iridescent finish on the ROG logo adds a cool touch of depth and sophistication. With the ROG Aura lighting off, the surface establishes a sleek and professional look for those who prefer a more subtle aesthetic. Easily tweak your choices through the graphical web interface or ASUS Router mobile app.



Static



Breathing



Wave



Rainbow



Unmatched Versatility for Gaming and Streaming

With one 2.5G WAN port and seven 2.5G LAN ports, the ROG Strix GS-BE18000 delivers up to 20G of lightning-fast wired speed, ensuring peak performance for multiplayer and other demanding tasks. Additionally, the robust network design offers stable, optimal connectivity even under heavy load.



20G

Dedicated gaming ports (LAN ports) x2
LAN ports (1-7)
WAN ports
USB 3.0

Eight 2.5G Ports

This WAN/LAN port setup can deliver blazing-fast, stable connections for every need — from ultrasmooth gaming and high-quality streaming to home studio setups and ultrafast Ethernet backhaul. Experience speeds up to 2.5x faster than gigabit Ethernet for seamless entertainment, efficient file transfers and next-level network performance.



Dual Dedicated Gaming Ports

The two LAN ports dedicated to networked gaming can prioritize this traffic for connected devices without the need for any configuration.



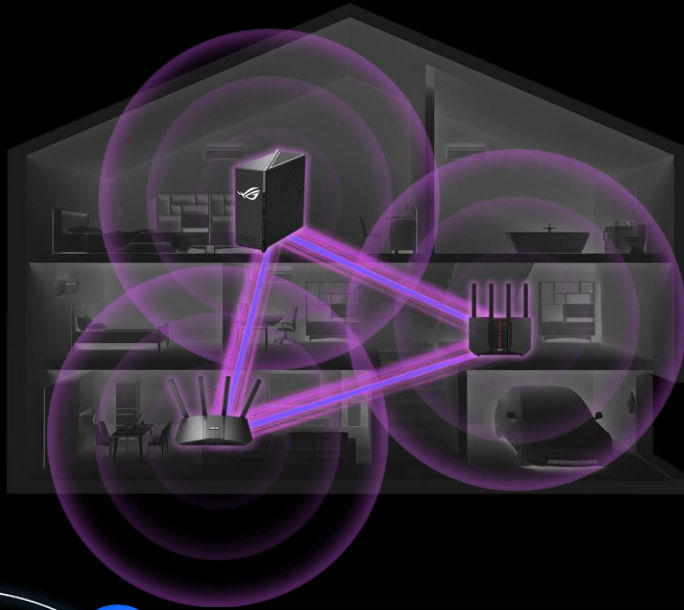
4G/5G Mobile Tethering

Stay connected anytime with convenient USB 4G LTE and 5G mobile tethering, even during internet outages or on the go.



AI-Boosted Smart AiMesh

The Smart AiMesh intelligently leverages WiFi 7 Multi-Link Operation, automatically aggregating or switching across multiple bands for optimized performance and low latency.



Values Beyond Extension

AiMesh goes beyond just extending coverage or seamless roaming. It works with all compatible ASUS routers, offering easy management, advanced security and smart home features across your entire network.

Versatile Backhaul Options

Experience lightning-fast speeds even in homes with thick walls. The GS-BE18000 offers wired and wireless 2.5G backhaul options, ensuring a seamless whole-home WiFi experience.



Smart AiMesh MLO

6 GHz				
5 GHz				
2.4 GHz				

Smart MLO Connect

Smart AiMesh uses Multi-link Operation to achieve a faster connection. Intelligent algorithms direct low-priority packets to the less congested band, ensuring that high-priority packets remain lightning-fast for optimal data transmission.

Accelerate Your Wins

The ROG Strix GS-BE18000 includes premium Triple-Level Game Acceleration, and the new exclusive Gaming Network function is groundbreaking technology that streamlines the process of setting up acceleration for multiple devices.



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.




One-tap SSID
Connection



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)



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.



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.

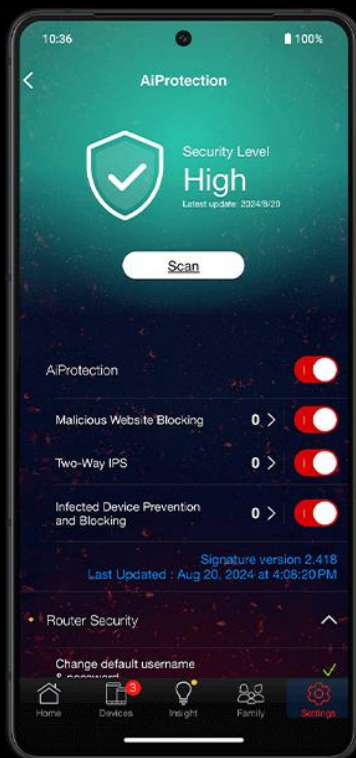


Safeguard Your Connected World



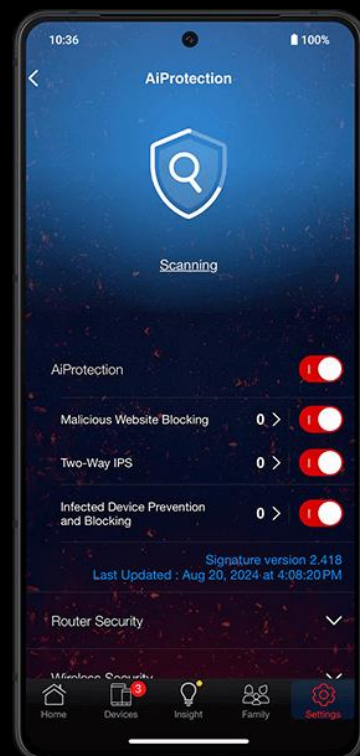
AiProtection Pro

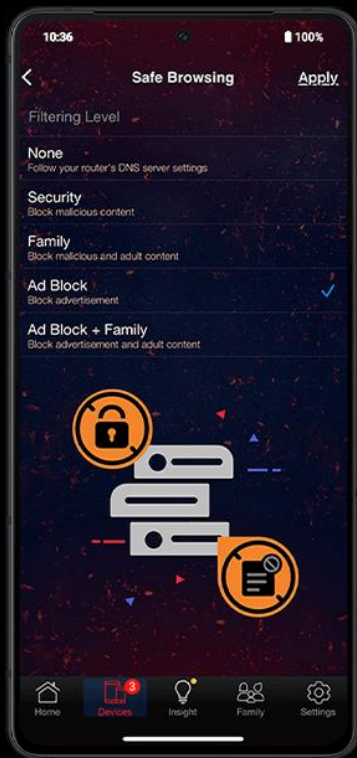
Commercial-grade AiProtection Pro and a cloud database powered by Trend Micro™ safeguard your network end-to-end, 24/7. This powerful and advanced security suite shields your network from ever-evolving cyber threats.



Security Scan

A one-tap router security assessment identifies vulnerabilities in your security settings, helping to prevent malicious activities or connection attempts made by infected devices.





Safe Browsing*

Customize protection for individual users or a group of devices with safety filters to help secure your online activities. AdGuard DNS offers ad-blocking and privacy protection features to help block ads.

*By using Safe Browsing, you acknowledge and agree that the standard for blocked and filtered content is established by a third-party DNS provider.

Feature-Packed Smart Home Master SSIDs

ASUS Smart Home Master subnetwork management streamlines the process of creating or connecting to dedicated subnet via SSIDs with advanced features like IoT Network, Kid's Network, VPN Network and MLO Network.



Enhanced Internet Experience

The Guest Network feature not only streamlines your gaming network setup but also provides enhanced security and better compatibility with WiFi 7.



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.



MLO Network

The MLO Network leverages Multi-Link Operation to prioritize high-demand packets for optimal efficiency. ASUS Smart MLO technology intelligently routes packets based on their specific needs, ensuring fast, reliable performance with minimal congestion.



Disclaimer:

*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.

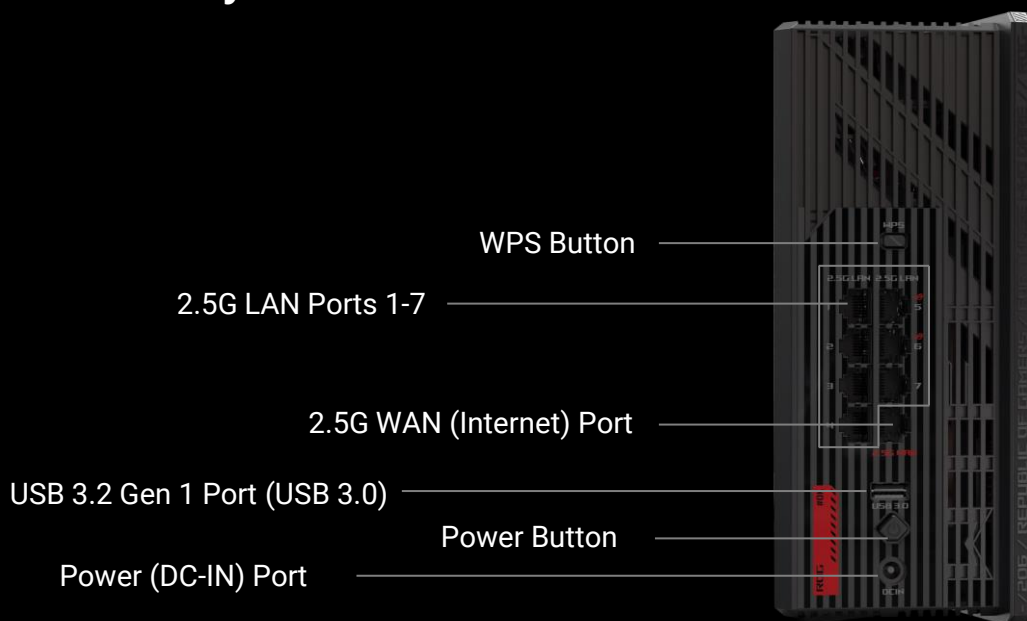
What's Inside the Box

- GS-BE18000 tri-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 688 Mbps / 5GHz up to 5764 Mbps / 6GHz up to 11529 Mbps
- Wired Connectivity : 1x 2.5G WAN, 7 x 2.5G LAN
- USB Ports : 1 x USB 3.0 (USB 3.2 Gen 1)

Connectivity



Official Site



Win 11
Support

Win 10
Support

IPv6
Support



GS-BE18000

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	BE18000 ultimate BE performance
Coverage	Very Large homes
Data Rate	802.11be (2.4GHz) : up to 688 Mbps
	802.11be (5GHz) : up to 5764 Mbps
	802.11be (6GHz) : up to 11529 Mbps
Antenna	internal antenna x 8
Transmit/Receive	2.4 GHz 2x2; 5 GHz 4x4; 6 GHz 4x4
Processor	2.0 GHz quad-core processor
Memory	256 MB Flash, 2 GB RAM
Operation Frequency/EIRP	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/WPA3-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
	OpenVPN client
WAN Connection Type	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 2.5G BaseT for WAN x 1,
	RJ45 for 2.5G BaseT for LAN x 7,
	USB 3.2 Gen 1 x 1

Button	WPS Button, Reset Button, Power Button
LED Indicator	Power x 1, WAN(Internet) x 1, LAN x 1, WiFi x 1
Power Supply	AC Input : 110V~240V(50~60Hz)
	DC Output : 12 with max. 5A current / 12 with max. 3A 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
- 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
- ASUS AURA RGB lighting
- Instant Guard
- Gaming Port
- Game Boost
- Gamer VPN
- Gear Accelerator
- Mobile Game Mode
- Open NAT
- VPN fusion
- Gaming Network

Product Dimensions	225 x 90 x 225 mm
Product Weight	927.5 g
Box Dimensions	306 x 236 x 102 mm
Box Weight	1.5979 Kg
Operation mode	Wireless router mode Access point mode Media bridge mode Repeater mode AiMesh node mode