ASUS RT-BE92U

Asus RT-BE92U BE9700 Tri-Band WiFi 7 Router

Product Overview

Asus ROUTER/ Gaming/ WiFi7/ 1032+2882+5764Mbps/ 2.4GHz3x3/ 5GHz2x2/ 6GHz2x2/ 1xWAN(10G)/ 1xWAN(2.5G)/ 3xLAN/ 1xUSB/ AiMesh/ AiProtection/ VPN





Specifications

Features:

Faster, Smarter Home WiFi 7
The ASUS RT-BE92U boasts cutting-edge WiFi 7 technology with superior 6 GHz band. Enjoy next-generation speeds and connected experiences and cloud computing, including 8K streaming, HDR gaming, content creation and AI networking.

Superior 6 GHz WiFi
Boasting a superior 6 GHz band, the RT-BE92U unleashes blazing-fast tri-band WiFi 7 speeds of up to 9700 Mbps. It ensures comprehensive WiFi compatibility for a wide range of devices, from cutting-edge WiFi 6E mobile devices to legacy IoT devices.

Comprehensive MLO Support
Multi-Link Operation (MLO) enables buffering-free connections by intelligently combining and switching between the 2.4 GHz, 5 GHz, and 6 GHz bands. The ASUS RT-BE92U is built for the future of all WiFi 7 devices, regardless of the MLO mode they use*.

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

Efficient 4K-QAM Transmission
Compared to 1024-QAM with WiFi 6/6E, 4096-QAM allows each signal to more densely incorporate larger amounts of data, delivering up to 20% more efficient data transmission*.

AI-Boosted Smart AiMesh
The RT-BE92U harnesses the power of WiFi 7 and next-gen Smart AiMesh technology to deliver wider coverage, a more stable and secure network and a feature-rich network experience - all under one network name for your entire smart home.

Intelligent Wireless Backhaul

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

Flexible Backhaul Configurations
Experience lightning-fast speeds even in homes with thick walls. The RT-BE92U offers wireless backhaul and wired 10G or 2.5G backhaul options, ensuring a seamless whole-home WiFi experience.

Smart AiMesh MLO
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.

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.

Engineered for Always-On Connections
The robust design of the RT-BE92U delivers next-level WiFi and network performance and reliability. External antennas powered by high-power front-end modules eliminate WiFi dead zones with consistent signals in all directions. One extra internal antenna and three streams in the 2.4 GHz band further boosts higher throughput and wider coverage for your smart home.

Next-gen Network Powerhouse
Fueled by a powerful CPU and 1 GB of RAM, RT-BE92U delivers exceptional processing power. This unleashes advanced features, optimizing your network for smooth 8K streaming, HDR gaming and an enhanced AI network experience.

Functional Beauty, Enhanced Convenience
Whether at home, in a café, on a desk or mounted on the wall, this innovative wall mount kit seamlessly integrates with various home interiors and business environments. Its vertical design also provides optimal ventilation for more efficient cooling.

Unlock Next-gen 10G Network
Enjoy up to 20G of wired capacity with versatile connectivity and ultrafast multi-gigabit smart home networking with the RT-BE92U.

10G WAN/LAN
RT-BE92U includes one 10G WAN/LAN port and four 2.5G Ethernet LAN ports, making it ready for next-gen entertainment, home studios and robust 10 Gbps ethernet backhaul.

Multi-WAN with Auto Detection
Versatile WAN inputs support includes a 10G WAN/LAN port and 2.5G WAN/LAN port for flexible network configurations. Its advanced auto detection streamlines efficient setup.

4G LTE & 5G Mobile Tethering
Stay connected any time with convenient USB 4G LTE and 5G mobile tethering, even during internet outages or on the go.

Safeguard Everyone and Every Connected Device
In a connected world, your home network is the gateway to your digital life. Gain complete visibility and control over your home network, defend against emerging threats and ensure seamless protection for all your connected devices and personal data. ASUS Network Security provides peace of mind with robust router protection, device protection and secure connections.

Comprehensive Triple-level Protection
Robust router safeguards with commercial-grade cloud protection powered by Trend MicroTMshield your smart home network, while feature-packed controls and management empower every member of your household to manage their connected

devices securely for the ever-evolving cybersecurity landscape. Additionally, advanced encrypted connections help to keep your online activity and data private.

Top-Notch Security Within Reach
The intuitive ASUSWRT interface and mobile router app let you easily monitor, control and manage your network security, including advanced features such as VPNs.

Extendable Custom Network
ASUS AiMesh technology ensures your whole-home WiFi remains protected under the same SSID. The new Smart Home Master unlocks even more advanced settings for customization.

One-Stop Solutions
ASUS partners with trusted security and VPN solution providers to offer one-stop security solutions with optimal network performance.

Router Protection Made Easy
ASUS Network Security includes convenient network tools such as a one-tap Security Scan for diagnosing network health, fine-tuned settings options and on-the-go notifications.

Instant Notifications
Receive instant notifications for new device connections to block unknown devices from accessing your network, and group new devices into a user profile.

Auto Security Updates
Secure your router with integrated defense measures that continuously update and scan to protect against malware and emerging threats. One circle divided into two arrow lines surrounding a protected cloud.

Feature-Packed Smart Home Master Subnet
ASUS Smart Home Master subnetwork management streamlines the process of creating or connecting to dedicated subnet via SSIDs with advanced features like parental controls and VPNs.

IoT Network
Set up and manage all your IoT devices under one secure SSID to provide enhanced security with commercial-grade protection. Smart home device icons circling a WiFi symbol.

Kid's Network
Create a dedicated SSID just for the kids to easily manage their screen time, without needing to configure each device individually.

VPN Network
Connect to your preferred VPN service with a single click through a dedicated subnetwork. A man using a desktop computer for a video conference call.

Safer, Smarter Family Protection
Advanced family protection and parental controls empower you to cultivate a balanced digital life for you and your kids, all without subscriptions.

Internet Activity Dashboard
Monitor your kids' internet usage through a comprehensive graphical dashboard. See their online time, data consumption and device-specific activity at a glance.

Preset Age-Level Profiles

Preset profiles automatically filter inappropriate content and set screen time schedules, making it easy to apply settings based on your children's ages.

Flexible Time Scheduling
Define online and offline hours for each child, ensuring balanced screen time and fostering healthy digital habits. Reward good behavior with extra online time as positive reinforcement.

Safe Browsing
Customize protection for individual users or a group of devices with safety filters to secure online activities.

Stay Protected Anywhere, Anytime
Enjoy secure browsing, data privacy and remote access - extensive ASUS VPN capabilities handle it all. The RT-BE92U supports versatile VPN protocols, including the cutting-edge WireGuard(R)for lightning-fast speeds and optimal performance.

Instant Guard
When away from home, ASUS Instant Guard gives you a one-tap secure VPN, and you can easily share VPN protection with family and friends through a URL link*.

Multiple VPN Connection
Connect to multiple encrypted VPN tunnels simultaneously while maintaining performance for other devices on your network.

Three-Step Easy Setup, Powerful Controls
The intuitive interface of the ASUS Router mobile app makes managing your network simple on your smartphone. Simply follow the on-screen directions, and you will be up and running in no time!

Specifications:

Model	ASUS RT-BE92U
Network Standard	IEEE 802.11a
	IEEE 802.11b
	IEEE 802.11g
	WiFi 4 (802.11n)
	WiFi 5 (802.11ac)
	WiFi 6 (802.11ax)
	WiFi 6E (802.11ax)
	WiFi 7 (802.11be)
	IPv4
	IPv6
Product Segment	BE9700 ultimate BE performance : 1032+2882+5764 Mbps
WiFi Data Rate	WiFi 7 (802.11be) (2.4GHz): up to 1032 Mbps
	WiFi 7 (802.11be) (5GHz): up to 2882 Mbps
	WiFi 7 (802.11be) (6GHz): up to 5764 Mbps
Antenna	External antenna x 4

Transmit / Receive	2.4GHz 3x3
	5GHz 2x2
	6GHz 2x2
Processor	2.0GHz quad-core processor
Memory	256 MB Flash and 1 GB DDR4 RAM
Boosts Speed	OFDMA (Orthogonal Frequency Division Multiple Access)
	Beamforming: standard-based and universal
	4096-QAM high data rate
	20/40/80/160/320 MHz bandwidth
Operating Frequency	2.4 GHz
	5 GHz
	6 GHz
Operating Mode	Wireless Router Mode
	AiMesh Node Mode
	Access Point Mode
	Media Bridge Mode
	Repeater Mode
I/O Ports	1 x 10Gbps for WAN/LAN
	1 x 2.5Gbps for WAN/LAN
	3 x 2.5 Gbps for LAN
	USB 3.2 Gen1 x1
Buttons	WPS Button, Reset Button, Power Switch
LED Indicator	Power x1
	WAN x1
	LAN x1
	2.4GHz x1
	5GHz x1
	6GHz x1
Power Supply	AC Input: 110V~240V(50~60Hz)
	DC Output: 12 V with max. 3 A current
Package Content	RT-BE92U WiFi 7 Tri-band Router
	wall mount kit
	RJ-45 cable
	Power Adapter
	Quick Start Guide
	Warranty Card
Product Dimensions	247.18 x 101.59 x 287.47 mm / 9.73 x 4.00 x 11.32 inch

AiMesh	Primary AiMesh Router
	AiMesh Node
Parental Control	"Allow you to block access to unwanted websites and apps."
	Web & Apps Filters
	Time Scheduling
	Safe Browsing
	Customized Internet Schedule
	Maximum Parental Control Profile : 64
	Maximum Parental Control Content Cilter Rule : 64
Guest Network	"You can create additional networks for different purposes, these networks are separate from the main network domain, to provide enhanced security, and create comprehensive network environment with customized settings."
	Maximum Guest Network Rule : 2.4 GHz + 5 GHz : 3
	Guest Network Pro Encryption : Open system, WPA/WPA2/WPA3-Personal
Security	AiProtection
	VPN
	WPA/WPA2/WPA3 Personal
	WPA/WPA2/WPA3 Enterprise
	Open System & OWE
	WPS
	Let's Encrypt
	DNS-over-TLS
	SSH
	Security Scan
	Firewall
	Maximum Firewall Keyword Filter : 64
	Maximum Firewall Network Service Filter : 32
	Maximum Firewall URL Filter : 64
AiProtection	AiProtection Pro
	Router Security Assessment
	Malicious Site Blocking
	Two-Way IPS
	Infected Device Prevention and Blocking

VPN	Instant Guard
	VPN Client L2TP
	VPN Client Open VPN
	VPN Client PPTP
	VPN Client WireGuard
	VPN Server IPSec
	VPN Server Open VPN
	VPN Server PPTP
	VPN Server WireGuard
	VPN Fusion
	Support Surfshark
Traffic Control	Adaptive QoS
	Bandwidth Monitor
	Bandwidth Limiter
	-- Maximum Bandwidth Limiter Rule : 32
	Traditional QoS
	Traffic Monitor
	Real-time Traffic Monitor
	Wired Traffic Monitor
	Wireless Traffic Monitor
	Traffic Analyzer
	Traffic Analysis Period : Daily, Weekly, Monthly
	Website History

WAN	Internet Connection Type :
	PPPoE
	PPTP
	L2TP
	Automatic IP
	Static IP
	IPSec
	Dual WAN
	3G / 4G LTE dongle
	4G / 5G Auto Mobile Tethering
	Port forwarding
	Maximum Port Forwarding Rule : 64
	Port triggering
	Maximum Port Triggering Rule : 32
	DMZ
	DDNS
	NAT Passthrough :
	PPTP Pass-Through
	L2TP Pass-Through
	IPSec Pass-Through
	RTSP Pass-Through
	H.323 Pass-Through
	SIP Pass-Through
	PPPoE Relay
LAN	DHCP Server
	IGMP Snooping
	IPTV
	Manually Assign IP Address
	Maximum Manually Assign IP Address Rule : 128
	Wake on LAN (WOL)

Wireless	MU-MIMO
	UTF-8 SSID
	WiFi MAC Address Filter
	Maximum MAC Filters : 64
	Wireless Scheduler
	Airtime Fairness
	RADIUS Client
	Universal Beamforming
	Explicit Beamforming
USB application	4G / 5G Auto Mobile Tethering
	File System :
	HFS+
	NTFS
	vFAT
	ext2
	ext3
	ext4
	Safely Remove Disk
	AiCloud
	Download Master
	AiDisk
	Media Server
	Time Machine
	Samba Server
	FTP Server
	Shared Folder Privileges
User Interface	WEB: ASUSWRT
	APP: ASUS Router APP
Administration	Configuration Backup and Restore
	Diagnosis tools
	Feedback System
	System Log
	New Device Connect Notification
	Login Captcha
	Connection Diagnosis
	Auto Firmware Update

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/ASUS-RT-BE92U-Asus-RT-BE92U-BE9700-Tri-Band-WiFi-7-Router-p-320954.php

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