ASUS RT-BE59

Asus RT-BE59 WiFi 7 AiMesh Extendable Router

Product Overview

Asus RT-BE59 WiFi 7 AiMesh Extendable Router, 4K-QAM, MLO, 2.5G WAN port, 2.5G LAN port, Three 1G ports, Commercial-Grade Network Security, Parental Control, IoT network, Kid's network, VPN network







Specifications

About this product

The ASUS RT-BE59 WiFi 7 AiMesh Extendable Router delivers next-generation wireless networking with WiFi 7 technology, 4K-QAM and Multi-Link Operation (MLO) for advanced connectivity. Featuring 2.5G WAN and 2.5G LAN ports, three additional Gigabit Ethernet ports, commercial-grade network security and dedicated networks for IoT devices, children and VPN connections, it provides versatile network management for connected homes and modern workspaces. Buy the ASUS RT-BE59 WiFi 7 Router online today for advanced home networking and reliable multi-device connectivity in South Africa.

Overview Summary

ASUS RT-BE59 WiFi 7 AiMesh Extendable Router

The ASUS RT-BE59 is a next-generation WiFi 7 router designed to provide advanced wireless connectivity, flexible wired networking and comprehensive network management. Supporting 4K-QAM and Multi-Link Operation (MLO), it incorporates WiFi 7 technologies designed to improve wireless data transmission and make more efficient use of available wireless links.

With a 2.5G WAN port, a 2.5G LAN port and three additional Gigabit Ethernet ports, the RT-BE59 supports a combination of high-speed wired connections and everyday network devices. ASUS AiMesh extendability allows compatible ASUS routers to work together to expand wireless coverage. Dedicated IoT, Kid's and VPN networks, together with commercial-grade network security and parental controls, provide additional flexibility for managing connected devices and household internet access.

Performance tier: Advanced WiFi 7 home networking

Uses: Home WiFi networking, high-speed wired networking, 4K streaming, online gaming, smart home connectivity, IoT devices, parental network management, VPN networking, wireless network expansion

Description

The ASUS RT-BE59 WiFi 7 AiMesh Extendable Router is designed for households and workspaces that require modern wireless connectivity, flexible wired connections and greater control over their network. Built around WiFi 7 technology, this router supports 4K-QAM and Multi-Link Operation (MLO), two technologies designed to improve wireless data transmission and connectivity efficiency.

The router features a 2.5G WAN port for connecting to a compatible high-speed internet service and a 2.5G LAN port for supported high-speed wired devices. Three additional Gigabit Ethernet ports provide connectivity for computers, televisions, gaming systems and other network-enabled equipment.

ASUS AiMesh extendability provides the option to expand wireless coverage by connecting compatible ASUS AiMesh routers. This makes the RT-BE59 suitable for network environments where a single router may not provide the desired coverage throughout the property.

Network management is another important part of the RT-BE59's design. Dedicated IoT and Kid's networks allow users to organise connected devices and manage access, while the VPN network provides a separate network option for VPN connectivity. Commercial-grade network security and parental control features add further protection and management flexibility.

Combining WiFi 7 wireless technology, multi-gigabit Ethernet connectivity, AiMesh expansion and dedicated network management features, the ASUS RT-BE59 is a versatile networking solution for modern connected homes.

Features

Next-generation WiFi 7 connectivity

WiFi 7 technology provides an advanced wireless networking platform for compatible devices, supporting modern connected-home and high-bandwidth networking requirements.

4K-QAM technology

4K-QAM enables higher data modulation efficiency under suitable wireless conditions and with compatible devices, helping improve wireless data transmission capacity.

Multi-Link Operation (MLO)

MLO is a WiFi 7 feature that allows compatible devices to use multiple wireless links, helping improve connection efficiency and overall wireless performance.

2.5G WAN connectivity

- Dedicated 2.5G WAN port for connecting a compatible modem or internet connection.
- Supports high-speed wired internet connectivity when used with compatible network equipment and services.

2.5G LAN connectivity

- One 2.5G LAN port for compatible high-speed wired network devices.
- Suitable for connecting supported computers, network storage devices and other multi-gigabit equipment.

Three Gigabit Ethernet ports

Three additional 1G Ethernet ports provide wired connectivity for everyday network equipment, including computers, smart televisions and gaming consoles.

ASUS AiMesh extendability

AiMesh compatibility allows the router to work with compatible ASUS AiMesh devices to create an expandable wireless network and improve coverage across a property.

Dedicated IoT network

A dedicated IoT network provides a separate network option for compatible smart home devices, helping organise connected equipment.

Kid's network and parental controls

Dedicated network functionality and parental control features help parents manage children's network access and connected devices.

VPN network

VPN network functionality provides a dedicated network option for managing VPN connectivity.

Commercial-grade network security

Integrated commercial-grade network security features provide additional protection for connected devices and network traffic.

What's in the Box

- ASUS RT-BE59 WiFi 7 AiMesh Extendable Router

Specifications

© 2026 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	ASUS RT-BE59
Model	RT-BE59
Network Standard	IPv6
	IPv4
	WiFi 7 (802.11be)
	WiFi 6 (802.11ax)
	WiFi 5 (802.11ac)
	WiFi 4 (802.11n)
	IEEE 802.11g
	IEEE 802.11b
	IEEE 802.11a
Product Segment	BE5000 ultimate BE performance : 688+4320 Mbps

WiFi Data Rate	WiFi 7 (802.11be) (5GHz): up to 4320 Mbps
	WiFi 7 (802.11be) (2.4GHz): up to 688 Mbps
Antenna	External antenna x 4; Internal antenna x 1
Transmit / Receive	5GHz 3x3
	2.4GHz 2x2
Processor	2.0 GHz quad-core processor
Memory	128 MB Flash
	1 GB RAM
Boosts Speed	OFDMA (Orthogonal Frequency Division Multiple Access)
	4096-QAM high data rate
	20/40/80/160 MHz bandwidth
Operating Frequency	5 GHz
	2.4 GHz
Operating Mode	Wireless router mode
	AiMesh node mode
I/O Ports	1x 2.5G for WAN
	1x 2.5G for LAN
	3 x 1G LAN
Buttons	WPS Button, Reset Button, Power Button
LED Indicator	Power x 1
	WAN x 1
	LAN x 1
	2.4GHz WiFi x 1
	5GHz WiFi x 1
Power Supply	AC Input : 100V~240V (50~60Hz)
	DC Output : 12 V with max. 2 A current
Package Content	RT-BE59
	RJ-45 cable
	Power adapter
	Quick Start Guide
	Warranty card
Product Weight (g)	506g
Product Dimensions	238 x 193 x 59 mm
AiMesh	AiMesh, Primary AiMesh Router, AiMesh Node
Parental Control	Time Scheduling, Safe Browsing, Customized Internet Schedule

Security	AiProtection, VPN, WPS support, WPA/WPA2/WPA3-Personal, WPA/WPA2-Enterprise, 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, Router Security Assessment, Malicious Site 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
Traffic Control	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, Maximum Port Forwarding Rule : 64, 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
Wireless	MU-MIMO, WiFi MAC Address Filter
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

FAQ

What WiFi standard does the ASUS RT-BE59 support?

The ASUS RT-BE59 supports WiFi 7, providing next-generation wireless networking technology for compatible devices.

What are 4K-QAM and MLO on the ASUS RT-BE59?

4K-QAM is a wireless modulation technology designed to increase data transmission efficiency. Multi-Link Operation (MLO) allows compatible WiFi 7 devices to use multiple wireless links for improved connectivity efficiency.

How many Ethernet ports does the ASUS RT-BE59 have?

The ASUS RT-BE59 has five Ethernet ports in total: one 2.5G WAN port, one 2.5G LAN port and three 1G Gigabit Ethernet ports.

Can the ASUS RT-BE59 expand an existing ASUS AiMesh network?

The RT-BE59 supports ASUS AiMesh, allowing it to work with compatible ASUS AiMesh routers to create an expandable wireless network.

Does the ASUS RT-BE59 support parental controls?

Yes. The router supports parental control features and a dedicated Kid's network to help manage children's network access.

Does the ASUS RT-BE59 support smart home devices?

Yes. Its dedicated IoT network provides a separate network option for compatible smart home and Internet of Things devices.

Does the ASUS RT-BE59 support VPN networking?

Yes. The router includes a dedicated VPN network option for managing VPN connectivity.

Can I connect wired gaming consoles and computers to the ASUS RT-BE59?

Yes. The router's 2.5G LAN port and three Gigabit Ethernet ports provide wired connectivity for compatible computers, gaming consoles and other Ethernet-enabled devices.

Is the ASUS RT-BE59 suitable for a modern smart home?

Yes. Its WiFi 7 connectivity, AiMesh expandability, dedicated IoT network, parental controls and multiple Ethernet ports make it suitable for modern connected-home networking.

Product Information Online

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

Product page: https://www.comx.co.za/ASUS-RT-BE59-Asus-RT-BE59-WiFi-7-AiMesh-Extendable-Router-p-342534.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx.co.za/terms-of-use.php
Terms of Sale: https://www.comx.co.za/terms-of-sale.php

PDF generated: 2026-11-20 10:33:04.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.