USB-BE93-MINI

Asus USB-BE93 Mini BE6500 Tri-band Wi-Fi 7 Adapter

Product Overview

Asus USB-BE93 Mini BE6500 Tri-band Wi-Fi 7 Adapter, Wifi 7 (802.11be) Standard support with backward compatibility to Wifi 6 and older standards, Tri-band connectivity operating on 2.4GHz / 5GHz / 6GHz Frequency bands, Supports 4096-QAM modulation for enhanced Data efficiency, USB 3.0 Type-C Interface for High-Speed Data transfer











Specifications

Overview Summary:

Upgrade your internet connection instantly with the Asus BE6500 Tri-Band Wi-Fi 7 USB Adapter. Designed specifically for South African buyers seeking reliable high-speed connectivity, this compact Mini USB adapter delivers next-generation performance perfect for streaming, gaming, and remote work. Its sleek Type-C interface ensures seamless plug-and-play setup on Windows 10 and 11 systems without the need for complex drivers.

Experience superior network stability with tri-band support across 2.4GHz, 5GHz, and the advanced 6GHz bands, minimizing interference and maximizing throughput even in crowded environments. With built-in WPA3 encryption, your data remains secure while you enjoy lag-free browsing and gaming sessions. Take advantage of this ultimate BE performance upgrade today by buying now to transform your PC's wireless capabilities.

Performance tier: High-End

Uses: Gaming, 4K Streaming, Remote Work, Smart Home Connectivity, Video Conferencing

Overview:

Elevate your home and office network with the Asus BE6500 Tri-Band Wi-Fi 7 USB Adapter, model number USB-BE93 Mini. This compact adapter brings the latest WiFi 7 connectivity to laptops and desktops, delivering faster speeds, lower latency, and improved capacity for all your connected devices. By supporting the new 6GHz band alongside traditional bands, it ensures a stable connection even in crowded environments. The sleek, lightweight design fits seamlessly into any setup, making it an ideal choice for users who demand high performance without sacrificing portability.

The USB-BE93 Mini is designed to provide flexible connectivity and improved performance where it matters most. Its internal antennas work together to maintain a strong signal, while the plug-and-play functionality ensures you can get online quickly without complex configuration. Whether you are streaming 4K video, gaming, or working remotely, this adapter offers the reliability needed for uninterrupted productivity.

Description:

The Asus BE6500 Tri-Band Wi-Fi 7 USB Adapter (USB-BE93 Mini) is a high-performance networking solution that brings next-generation speed and security to your PC. This plug-and-play device supports WiFi 7 standards including the new 6GHz band, allowing for significantly faster data rates and reduced interference compared to older wireless generations. It features WPA3 encryption to keep your network secure against modern threats.

This adapter utilizes a USB 3.0 Type-C interface for maximum compatibility with modern laptops and desktops. Its ultra-compact form factor means it can stay plugged in without taking up valuable desk space or protruding awkwardly. Perfect for users looking to upgrade their existing hardware, it requires no external power source and is supported by Windows 10 and Windows 11 operating systems.

Features:

Key Benefits

- Experience the speed of WiFi 7 with support for 6GHz band connectivity.
- Enjoy plug-and-play simplicity with built-in drivers for instant setup.
- Maintain secure connections with WPA3 encryption standards.
- Benefit from a compact, lightweight design that is easy to carry and store.

- Ensure stable streaming and low latency with tri-band smart connect technology.

Technical Specifications:

The USB-BE93 Mini is engineered to meet the demands of high-bandwidth applications while maintaining backward compatibility with older standards. The device operates across three distinct frequency bands: 2.4GHz, 5GHz, and the newer 6GHz band. This tri-band capability allows for intelligent traffic management, ensuring that devices are assigned to the optimal band for best performance.

The adapter uses a USB 3.0 Type-C connector, which supports faster data transfer rates than previous USB versions. It includes two internal antennas designed to optimize signal strength and reception. The unit is incredibly light at just 7 grams and measures only 32 x 18.5 x 10mm, making it one of the smallest WiFi adapters on the market.

- Network Standard: Supports WiFi 7 (802.11be), WiFi 6 (802.11ax), WiFi 5 (802.11ac), and legacy standards including 802.11n, g, b, and a.
- Interface: 1 x USB 3.0 Type-C (Note: 2.4GHz band operates in U2 mode for compatibility).
- Security: WPA/WPA2/WPA3 Personal support.
- Operating Systems: Windows 10 64-bit and Windows 11.
- Product Weight: 7g.
- Dimensions: 32 x 18.5 x 10mm.

Please note that maximum wireless signal rates are derived from IEEE standard specifications, but actual throughput may vary based on network conditions and environmental factors. Full WiFi 7 functionality support requires the Windows 11 2024 Platform (Windows 11 24H2) or later for optimal performance.

What's in the box

- Asus BE6500 Tri-Band Wi-Fi 7 USB Adapter (USB-BE93 Mini)

Specifications:

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Specifications	
Product Code	USB-BE93-MINI
Model	USB-BE93 Mini
Network Standard	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	BE6500 ultimate BE performance
Interface	1 x USB 3.0
	(2.4GHz runs U2 mode)

WiFi Encryption	WPA/WPA2/WPA3 Personal
Antenna	Internal Antennas x 2
Operating Frequency	6 GHz
	5 GHz
	2.4 GHz
OS Support	Windows 11
	Windows 10 64-bit
Product Weight (g)	7g
Product Dimensions	32 x 18.5 x 10mm
Disclaimer	*Maximum Wireless signal rate is derived from IEEE standard 802.11 specifications. Due to the compact design and USB interface, actual data throughput may vary as a result of network conditions and environmental factors.
	*WiFi 7 full functions support will be ready in Windows 11 2024 Platform (Windows 11 24H2) or later.

FAQ

Is the Asus USB-BE93 Mini compatible with my Windows PC?
The adapter supports Windows 10 64-bit and Windows 11. Please note that full WiFi 7 functionality requires the Windows 11 2024 Platform (version 24H2) or later.

What makes this a Tri-Band USB Adapter?
The device operates on three frequency bands: 2.4GHz, 5GHz, and 6GHz. This tri-band support helps reduce interference for smoother streaming and lower latency compared to standard dual-band adapters.

Does the adapter require manual driver installation?
No, it features plug-and-play functionality with a built-in driver, allowing you to connect instantly via the USB Type-C port without additional setup steps.

How secure is my network connection with this device?
The adapter supports WPA3 encryption (Personal and Enterprise modes) alongside WPA2, providing an enhanced layer of security for your online activities compared to older standards.

Can I leave the adapter plugged into my laptop permanently?
Yes, its ultra-compact design measuring 32 x 18.5 x 10mm and weighing only 7g allows it to stay connected without taking up much space or interfering with your setup.

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/USB-BE93-MINI-Asus-USB-BE93-Mini-BE6500-Tri-band-Wi-Fi-7-Adapter-p-342353.php

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