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FAST Networking Solutions
FARTHEST · EASY · SECURE · TRUSTED

USB-BE92 Nano

Tri-band BE6500 WiFi 7 Nano USB Adapter, 6GHz band, support 4096-QAM, Plug and play, Compatible with Windows® 10 & 11

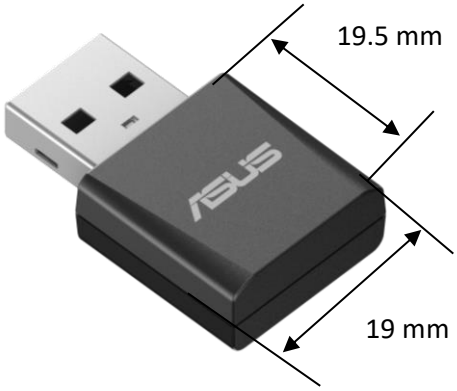
Compact Sized WiFi 7 USB Adapter - Experience super-fast WiFi in a sleek, nano-sized package

Upgrade Your WiFi to the Latest Standard - Transform your PC to the cutting-edge 802.11be standard with a simple USB connection

Plug and Play - Ensure seamless installation without extra drivers, delivering reliable, uninterrupted performance perfect for home, office, or on-the-go use, with optimizations over previous generations

Advanced Network Security - Benefit from enhanced network security and robust authentication with WPA3 support

Ideal for Streaming and Gaming - Support for tri-band, including 6GHz frequency spectrum, automatically selects the best band for stable connections and superior performance



**6GHz band is limited to indoor range. Clients must support 6GHz band.*



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Compact Sized WiFi 7 USB Adapter

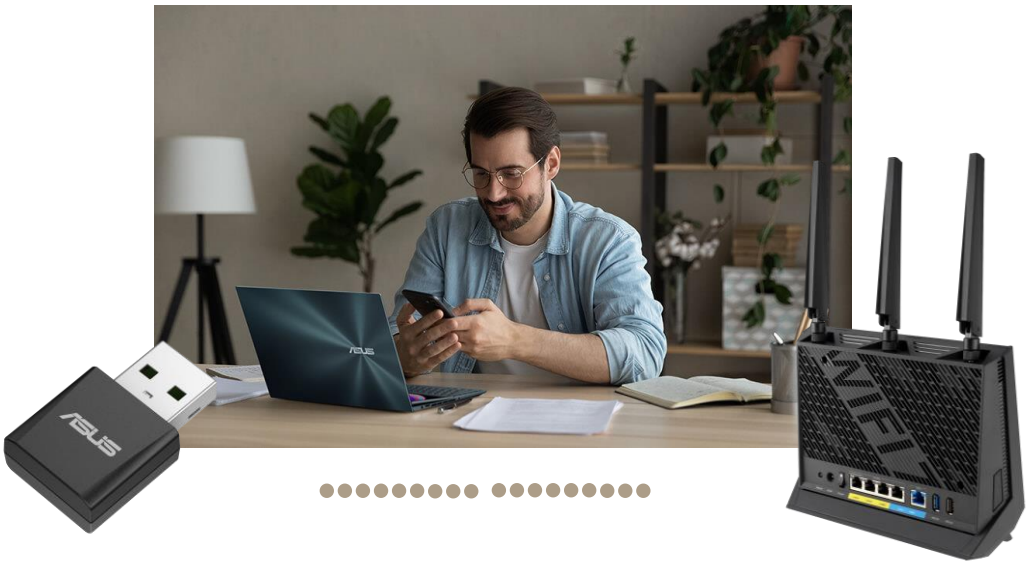
USB-BE92 Nano is ultra-compact, allowing users to leave it in their PC permanently without worrying about losing, forgetting, or breaking it.



**Due to the compact design and USB interface, actual throughput and coverage are not guaranteed and will vary due to operating systems and access point limitations.*

Upgrade Your WiFi to the Latest Standard

The WiFi 7 standard ensures efficient connectivity, accommodating the increasing number of connected personal and IoT devices. With the USB-BE92 Nano, your laptop or PC instantly benefits from the advanced WiFi 7 capabilities.



Plug and Play

Featuring plug and play functionality, it ensures seamless and hassle-free installation for immediate connectivity without additional drivers.

Perfect for home, office, or on-the-go use, the USB-AX92 Nano delivers reliable and uninterrupted performance.



Enhanced WPA3 Network Security

The successor to the well-established WPA2 protocol, WPA3 adds new features that simplify WiFi security, while providing your PC with an extra layer of protection against external attacks to give you added peace of mind.



Tri Band Support –
Ideal for streaming and gaming

USB-BE92 Nano enhances flexibility and speeds in high-density environments. Its new 6 GHz band reduces signal interference for seamless streaming and minimal latency.

Tri-band Smart Connect optimizes performance by intelligently assigning devices to the best available band, ensuring better range and reliable connections without manual re-connection.



Specifications

Model Name	USB-BE92 Nano
Chipset Solution	RTL8912AU
Network Standard	IEEE 802.11 a/b/g/n/ac/ax/be
Interface	1 x USB 2.0
Antenna	2 x Internal antenna
Operation Frequency	Tri band 2.4GHz & 5GHz & 6GHz
RF Power	2.4 GHz < 20dBm, 5 GHz < 23dBm, 6 GHz < 24dBm
4096-QAM Modulation	Supported
Data Rate	802.11be (2.4 GHz): up to 688 Mbps 802.11be (5 GHz): up to 2882 Mbps 802.11be (6 GHz): up to 2882 Mbps
Transmit Beamforming	Supported
Encryption	AES, WPA/WPA2/WPA3-Personal
OS Support	Windows® 10/11
Dimensions	19 x 31.5 x 8.5 mm / 0.75 x 1.24 x 0.33 inc
Weight (device only)	5.5 g / 0.19 oz

**The driver supporting Windows 11 with Multi-link Operation (MLO) is currently in development and is expected to be released by the end of 2024.*

What's Inside the Box

- USB-BE92 Nano Wireless USB Adapter
- Warranty card
- Quick start guide

Dimensions

USB-BE92 Nano

- Size: 19 x 31.5 x 8.5 mm
- Weight: 5.5 g / 0.19 oz

Color Box

- Color Box: 90*90*25mm
- Weight: 36.7g

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