



AC1200
Max. speed up to 300Mbps (2.4GHz) & 867Mbps (5GHz)



Dual-Band
Selectable Dual-Band Wi-Fi Connectivity



MU-MIMO
Pair with any MU-MIMO router



Beamforming
Directional signal targeting



Tiny Size
Awesome for laptops

AC1200 Dual-Band MU-MIMO USB 3.0 Adapter

Introduction

The EW-7822UTC is a AC1200 USB 3.0 adapter that can pair with an 11ac MU-MIMO (Multiple User - Multiple Input Multiple Output) router. It upgrades your older laptop or PC to a MU-MIMO device and boosts connectivity with super-speed USB 3.0. The adapter also runs selectable dual-band Wi-Fi at speeds up to 300Mbps on 2.4GHz and 867Mbps on 5GHz.

Super-Speed with 802.11ac

The EW-7822UTC runs ultra-speed 802.11ac Wi-Fi that's almost three times faster than 802.11n. Upgrade your laptop or PC to sport 802.11ac Wi-Fi so you can enjoy online video streaming and multiple data transfers at the fastest speeds.



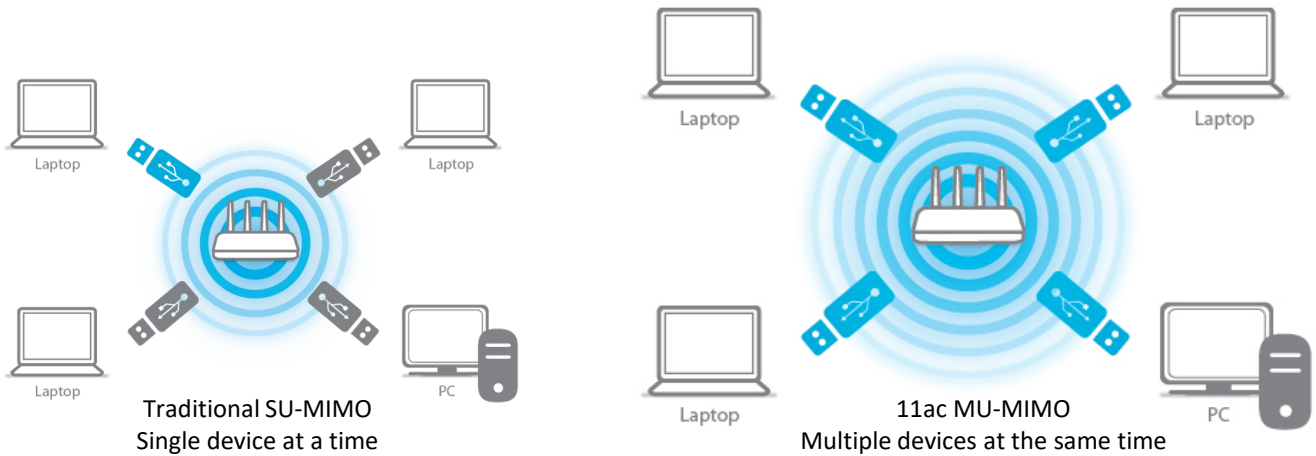
Meet the Latest USB 3.0

USB 3.0 is up to 10 times faster than USB 2.0 with data transfer rates up to 5Gbps. It's the latest standard in connectivity and enables devices to achieve the superfast speeds which 802.11ac can provide – for faster photos, music, videos, and data.



11ac MU-MIMO

The latest 11ac MU-MIMO (Multiple User - Multiple Input Multiple Output) technology runs four streams and serve multiple devices simultaneously, for the fastest speeds and uninterrupted Wi-Fi connectivity to all devices.



MU-MIMO for Non-Stop Streaming

Instantly upgrades your older laptop or PC to the latest 11ac MU-MIMO functionality. Everyone in the room can enjoy smooth surfing, streaming and gaming at the same time when the EW-7822UTC is successfully paired with a MU-MIMO router.



4 Streams
MU-MIMO

3X Speeds
MU-MIMO

Why should you need MU-MIMO?

- 11ac MU-MIMO offers up to 3x faster Wi-Fi speeds.
- High performance for mobile speed and range.
- Online streaming without interruptions and buffering from other devices.

Edimax MU-MIMO Solution



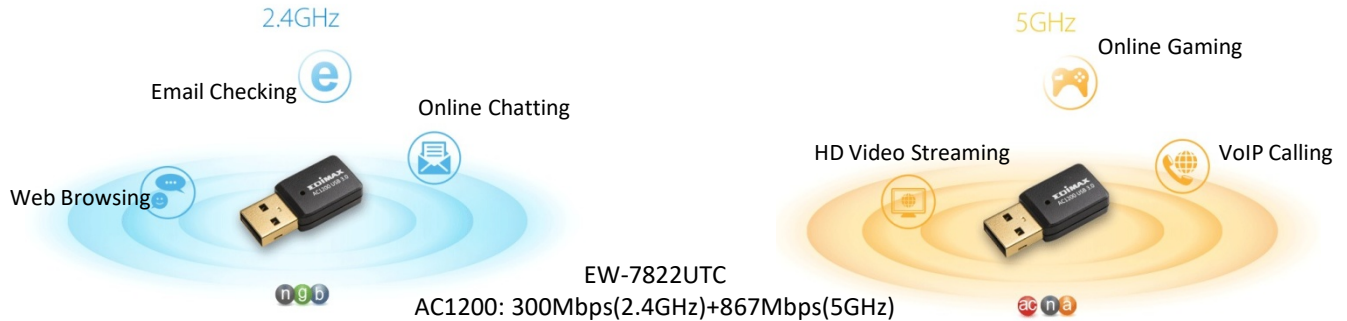
EW-7822UTC
AC1200 MU-MIMO Adapter



RG21S
AC2600 MU-MIMO Router

Dual-Band Flexibility

Experience better performance and greater flexibility with EW-7822UTC for your laptop with dual-band connectivity. Either the 2.4GHz or 5GHz frequency band can be selected with top speeds at 300Mbps and 867Mbps respectively. Surf the internet and check emails on the longer-range 2.4GHz band, or use the high-speed 5GHz band for online gaming and YouTube or Netflix HD streaming.



Beamforming Wi-Fi

Beamforming generates directional-targeted Wi-Fi signals, instead of standard Wi-Fi which radiates outwards. Paired with any beamforming router, the EW-7822UTC's beamforming support enables your Wi-Fi signal to be targeted at your adapter for a stronger, more reliable and efficient Wi-Fi connection. This means better audio quality and HD video streaming as you explore your digital wonderland.



Tiny, Stylish Design For Laptops

Can be plugged into any laptop for more mobility and convenience, and looks great. The tiny design means it feels like nothing to carry around, so it's easy to always keep with your laptop.

- Fits your laptop perfectly.
- Doesn't block other USB ports.
- Easy portability and won't fall out of your laptop.



Features

- **AC1200 High-Speed Selectable Dual-Band:** Max speed up to 300Mbps (2.4GHz) and 867Mbps (5GHz) with 802.11ac Wi-Fi standard and backward compatible with 802.11a/b/g/n standards.
- **Easy 11ac Upgrade:** Upgrade your single-band 2.4GHz Wi-Fi to 11ac dual-band Wi-Fi for better coverage and faster Wi-Fi speed with zero configuration.
- **The Latest USB 3.0:** Up to 10 times faster than USB 2.0 with data transfer rates.
- **11ac MU-MIMO:** The latest 11ac technology runs four streams and serve multiple devices simultaneously.
- **Beamforming:** With beamforming directional signals support, Wi-Fi performance is dramatically improved with better reliability, range and coverage and less wasted signals.
- **Tiny, Stylish Design:** AC1200 Wi-Fi Adapter with tiny design for more mobility and convenience.
- **One-Click Wireless Connections:** Features the hardware and software WPS (Wi-Fi Protected Setup) button for easy wireless connections.

SPECIFICATIONS

EW-7822UTC AC1200 Dual-Band MU-MIMO USB 3.0 Adapter

HARDWARE

- | | |
|------------|--|
| Interface | <ul style="list-style-type: none">• 1 x USB 3.0 Type A• 1 x Link/Activity LED |
| Antenna | <ul style="list-style-type: none">• Internal Antennas x 2 (2T2R) |
| Dimensions | <ul style="list-style-type: none">• 8 (H) x 16 (W) x 34 (D) mm |
| Weight | <ul style="list-style-type: none">• 4g |

WIRELESS

- | | |
|-----------------------|---|
| Standards | <ul style="list-style-type: none">• 2.4GHz: IEEE 802.11b, 802.11g, 802.11n• 5GHz: IEEE 802.11ac, 802.11a, 802.11n |
| Frequency | <ul style="list-style-type: none">• 2.4000 - 2.4835GHz*• 5.150 - 5.825GHz*FCC: Band 1: 5.150~5.250(GHz)
Band 4: 5.745~5.850(GHz)CE: Band 1: 5.150~5.250(GHz)*Subject to local regulations |
| Signal Rate | <ul style="list-style-type: none">• 2.4GHz:<ul style="list-style-type: none">11n: Up to 300Mbps (dynamic)11g: Up to 54Mbps (dynamic)11b: Up to 11Mbps (dynamic)• 5GHz:<ul style="list-style-type: none">11ac: Up to 867Mbps (dynamic)11g: Up to 300Mbps (dynamic)11a: Up to 54Mbps (dynamic) |
| Transmit Power | <ul style="list-style-type: none">• <20dBm (EIRP) |
| Security | <ul style="list-style-type: none">• WEP 64/128-bit, WPA, WPA2 and WPA3• Hardware & Software WPS Configuration |
| Modulation Technology | <ul style="list-style-type: none">• DBPSK, DQPSK, CCK, 16-QAM, 64-QAM, 256-QAM |

OTHERS

- | | |
|--------------------|--|
| Certification | <ul style="list-style-type: none">• FCC, RoHS |
| Environment | <ul style="list-style-type: none">• Operating Temperature: 32~104°F (0~40°C)• Storage Temperature: -4~140°F (-20~60°C)• Operating Humidity: 0~90% (NonCondensing)• Storage Humidity: Max. 95% (NonCondensing) |
| System Requirement | <ul style="list-style-type: none">• Windows 7/ 8/ 8.1/10• Mac OS 10.9~10.15• Linux Kernel: 2.6.24 ~ 4.15* Additional version information will be announced on the EDIMAX website download section. |
| Package Content | <ul style="list-style-type: none">• Quick Installation Guide• CD (Multi-Language Quick Installation Guide & Setup Wizard) |

*Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.

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