



USB 3.0

AC1750

11ac High Speed

Beamforming

High Performance (3T3R)

Foldaway Antenna

Mac OS X Compatible

Mac OS X Compatible

EW-7833UAC

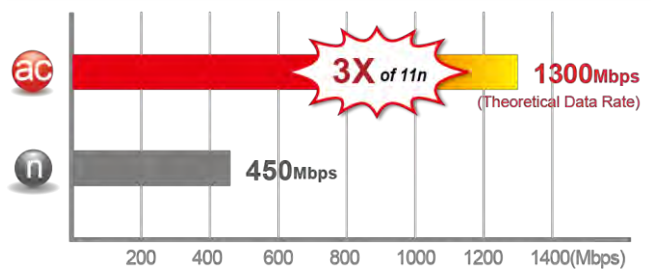
AC1750 Dual-Band Wi-Fi USB 3.0 Adapter with 180° Adjustable Antenna

Super-speed 802.11ac dual-band routers are on the market but wireless devices are still stuck with 802.11n technology. Upgrade your wireless device to dual-band 802.11ac with the fastest possible USB 3.0 connectivity for blistering Wi-Fi speeds on the interference free 5GHz frequency band. The EW-7833UAC's high performance 3T3R MIMO technology provides super-high speeds up to 1300Mbps and is backwards compatible with 802.11a/b/g/n wireless devices.

Easily Upgrade to Fastest 11ac Wi-Fi

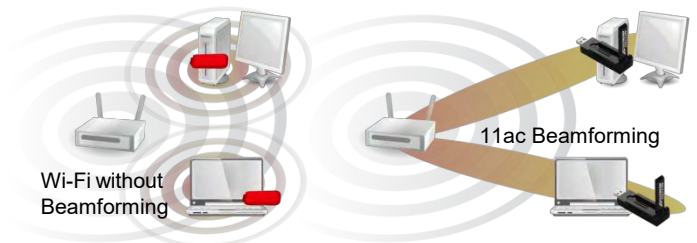
Compatible with the 802.11ac standard and delivering speeds of up to 1300Mbps at 5GHz - almost three times as fast as 802.11n together with USB 3.0 connectivity. Upgrade PC's and notebooks to super high speed 802.11ac Wi-Fi and enjoy streaming video and data at lightning speeds.

Maximum Speed: Next Generation 802.11ac vs. 802.11n



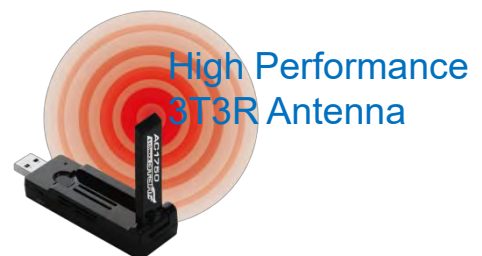
Faster Wi-Fi with Beamforming Technology

Beamforming technology involves signal processing algorithms that generate directional signals, focused towards each client. Signals don't radiate out into the atmosphere, but are concentrated from your router or access point to the target device. With beamforming reception support in your adapter, Wi-Fi performance is dramatically improved with better reliability, range and coverage and less wasted signals.



High Performance 3T3R MIMO Technology

The EW-7833UAC features multiple input, multiple output (MIMO) antenna technology with 3 transmitter antennas and 3 receiver antennas to optimize data speeds for the best wireless performance.

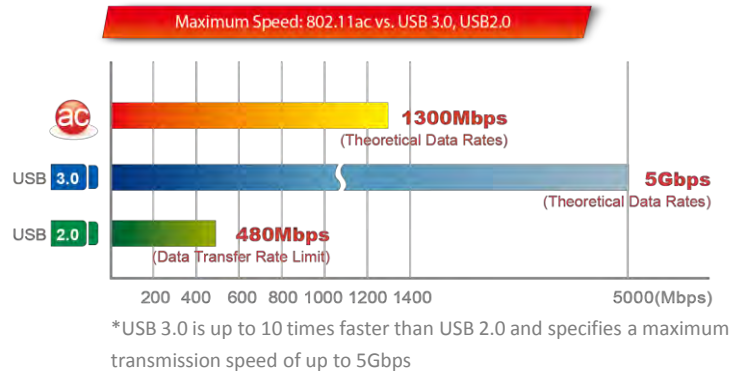


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802.11ac Truly Realized with USB 3.0

USB 3.0 is up to 10 times faster than USB 2.0 and specifies a maximum transmission speed of up to 5Gbps. Providing quicker data transmission times, and backwards compatibility with USB 2.0 (which specifies a maximum speed of 480Mbps), USB 3.0 is the new standard in connectivity – enabling devices to achieve the superfast speeds which 802.11ac can provide.



Download and Stream

Use the EW-7833UAC to download and stream media from YouTube, Netflix or other services without waiting for buffering, or stream media across your network from a NAS (network-attached storage) at super speeds. Streaming HD movies or downloading is faster and more reliable than ever with 802.11ac Wi-Fi.



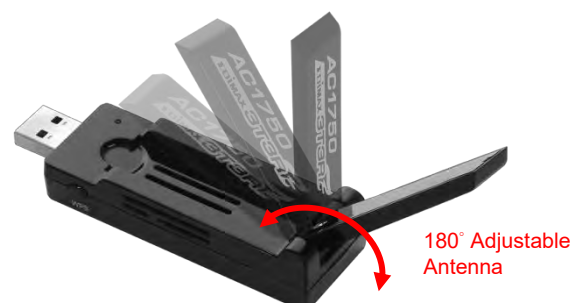
Dual-Band Connectivity

Enjoy better performance and greater flexibility for your desktop with dual-band connectivity. The EW-7833UAC provides connectivity for the 2.4GHz band at speeds of 450Mbps or 5GHz band at speeds of 1300Mbps. You can surf the internet and check your email on the 2.4GHz band, or select the 5GHz band for online gaming and video streaming.



180° Adjustable Foldaway Antenna

The EW-7833UAC's sleek design features an adjustable foldaway antenna, allowing users to adjust the antenna's angle for optimum Wi-Fi performance and fold back the antenna to minimize size when it's not in use.



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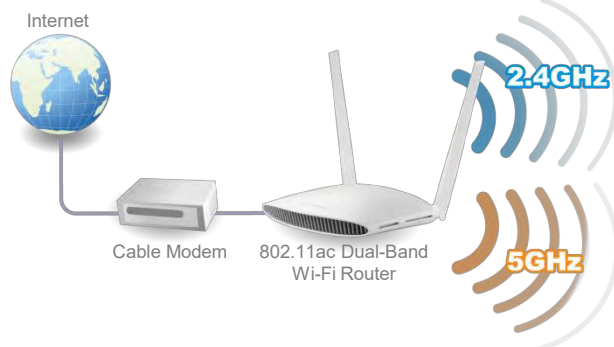
FEATURES

- **11ac Super Fast Wi-Fi Speed:** Next generation AC1750 Wi-Fi for HD streaming and gaming with transfer speeds up to 450Mbps (2.4GHz) or 1300Mbps (5GHz).
- **USB 3.0 Interface:** Enables the USB adapter to achieve the super fast speeds which 802.11ac can provide.
- **Faster Wi-Fi with Beamforming Technology:** With support for beamforming directional signals, Wi-Fi performance is dramatically improved with better reliability, range and coverage and less wasted signals.
- **High Performance with 3T3R MIMO Technology:** Three transmitter antennas and three receiver antennas MIMO Technology for optimized performance.
- **Flexible Foldaway Antenna:** Embedded 180 degree adjustable foldaway antenna for optimum Wi-Fi performance.
- **Secure Wi-Fi:** Features 64/128-bit WEP, WPA & WPA2 encryption for high level of security.
- **Easy One-Click Wireless Connections:** Features a hardware WPS (Wi-Fi Protected Setup) button for easy wireless connections.
- Supports Windows 7/8/8.1/10, MAC OS 10.7 above and Linux.

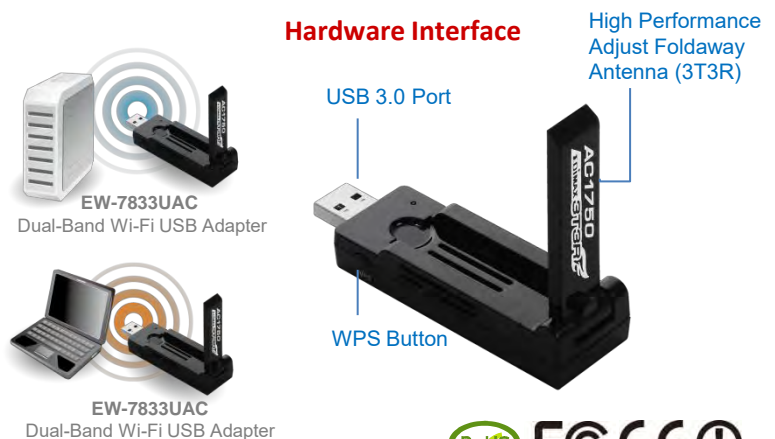
TECHNICAL SPECIFICATIONS

Hardware	Standards	Frequency Band
<ul style="list-style-type: none"> • 1 x USB 3.0 Type A • 1 x Hardware WPS Button • 1 x Link/Activity LED • 3 x Antennas (3T3R MIMO) 	<ul style="list-style-type: none"> • 2.4GHz: IEEE 802.11b, 802.11g, 802.11n • 5GHz: IEEE 802.11ac, 802.11a, 802.11n 	<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
Output Power	Installation	Operating Data Rate
<ul style="list-style-type: none"> • 2.4GHz <ul style="list-style-type: none"> 11b (11Mbps): 12dBm±1.5dBm 11g (54Mbps): 12dBm±1.5dBm 11n (20MHz, MCS7): 12dBm±1.5dBm 11n (40MHz, MCS7): 12dBm±1.5dBm • 5GHz <ul style="list-style-type: none"> 11a (54Mbps): 12dBm±1.5dBm 11n (20MHz, MCS7): 12dBm±1.5dBm 11n (40MHz, MCS7): 12dBm±1.5dBm 11ac (80MHz, VHTMCS9): 12dBm±1.5dBm 	<ul style="list-style-type: none"> • Multi-Language Setup Wizard • Hardware WPS button for Easy Wireless Connections 	<ul style="list-style-type: none"> • 11a: 6/9/12/24/36/48/54Mbps; • 11b: 1/2/5.5/11Mbps; • 11g: 6/9/12/24/36/48/54Mbps • 11n (20MHz): MCS0-15 (up to 223Mbps) • 11n (40MHz): MCS0-15 (up to 450Mbps) • 11ac (80MHz): VHTMCS0-9 (up to 1300Mbps)
LED	Security	Temperature & Humidity
<ul style="list-style-type: none"> • Link/Activity 	<ul style="list-style-type: none"> • WEP 64/128-bit, WPA, WPA2 • Hardware & Software WPS Configuration 	<ul style="list-style-type: none"> • Max. 95% (non-condensing) • 32 - 104°F (0 - 40°C)
Weight	Dimensions	Certifications
<ul style="list-style-type: none"> • 23g 	<ul style="list-style-type: none"> • 87.1 (L) x 27 (W) x 18 (H) mm 	<ul style="list-style-type: none"> • CE/FCC

Application Diagram



Hardware Interface



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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