EDIMAX
NETWORKING PEOPLE TOGETHER

World's Fastest AC1200
World's Fastest

2.4GHz 5GHz
Dual-Band

180° Foldaway Antenna

Windows Compatible 8
Windows 8 Compatible

World's First for Mac OS X
10.8.4 or above supports USB 3.0

USB 3.0
World's First

EW-7822UAC

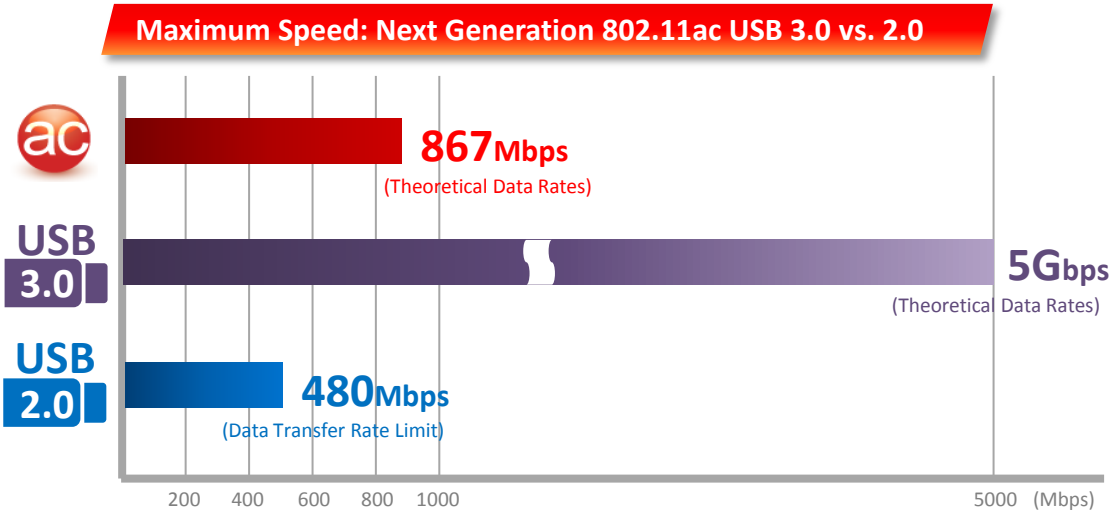
AC1200 Wireless Dual-Band USB 3.0 Adapter

Overview

The next generation 802.11ac wireless standard is set to revolutionize Wi-Fi. Super-speed 802.11ac dual-band routers are already available 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.

World's Fastest - 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. As the first 802.11ac USB adapter to offer USB 3.0 connectivity, the EW-7822UAC is the fastest 802.11ac USB adapter in the world.



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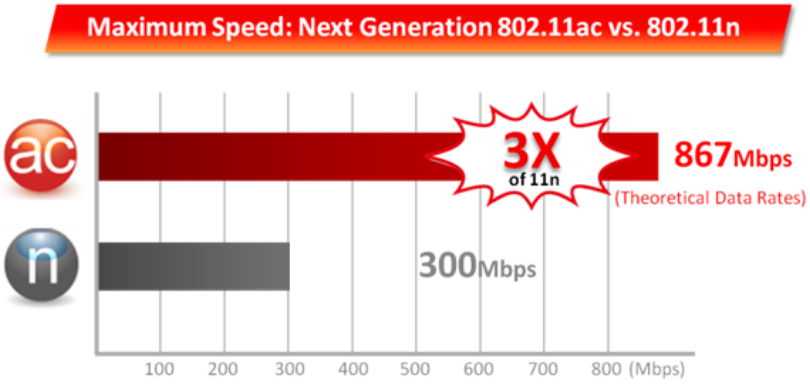
AC1200 Wireless Dual-Band USB 3.0 Adapter

EW-7822UAC

Next Generation Wi-Fi Standard

The Edimax EW-7822UAC is the next generation of Wi-Fi adapter, compatible with the draft 802.11ac standard and delivering speeds of up to 867Mbps at 5GHz - almost three times as fast as 802.11n. The EW-7822AC is the first adapter of its kind to offer 802.11ac speeds 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 speeds of up to 867Mbps.



Dual-Band Connectivity

Enjoy better performance and greater flexibility for your Wi-Fi devices, using dual-band connectivity. The EW-7822UAC provides connectivity for the 2.4GHz band at speeds of 300Mbps or 5Ghz band at speeds of 867Mbps. 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.

Download and Stream Anywhere

Use the EW-7822UAC 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 lightning speeds. Streaming HD movies or downloading is faster and more reliable than ever with 802.11ac Wi-Fi.

180 Degree Adjustable Foldaway Antenna

The EW-7822UAC'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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AC1200 Wireless Dual-Band USB Adapter

EW-7822UAC

FEATURES

- Complies with draft IEEE 802.11ac standard and backward compatible with wireless 802.11a/b/g/n standards
- Dual-band wireless connectivity for 2.4GHz or 5GHz
- Max. Wi-Fi speeds of 300Mbps (2.4GHz) or 867Mbps (5GHz)
- Features a hardware WPS (Wi-Fi Protected Setup) button for easy wireless connections
- Adjustable foldaway antenna for optimum Wi-Fi performance
- Features easy multi-language setup wizard
- Supports Windows XP/Vista/7/8, Mac OS X (10.8.4 or above supports USB3.0)

TECHNICAL SPECIFICATIONS

Hardware	Standards	Frequency Band
1 x USB 3.0 Type A 1 x Hardware WPS Button 1 x Link/Activity LED 2 x Antennas	2.4GHz: IEEE 802.11b, 802.11g, 802.11n 5GHz: IEEE 802.11ac (Draft), 802.11a, 802.11n	2.4000 - 2.4835GHz (subject to local regulations) 5.150 - 5.825GHz (subject to local regulations)
Output Power	**Installation**	**Operating Range**
2.4GHz 11b (11Mbps): 16dBm±1.5dBm 11g (54Mbps): 14dBm±1.5dBm 11n (20MHz, MCS7): 14dBm±1.5dBm 11n (40MHz, MCS7): 12dBm±1.5dBm 5GHz 11a (54Mbps): 12dBm±1.5dBm 11n (20MHz, MCS7): 10dBm±1.5dBm 11n (40MHz, MCS7): 10dBm±1.5dBm 11ac (80MHz, MCS9): 10dBm±1.5dBm	Multi-language easy setup wizard Hardware WPS Button for easy wireless connections	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 144Mbps) 11n (40MHz): MCS0-15 (up to 300Mbps) 11ac (40MHz): MCS0-9 (up to 400Mbps) 11ac (80MHz): MCS0-9 (up to 867Mbps)
LED	**Security**	**Temperature & Humidity**
Link/Activity	WEP 64/128-bit, WPA, WPA2, 802.1x Hardware & Software WPS Configuration	Max. 95% (non-condensing) 32 - 104°F (0 - 40°C)
Weight	**Dimensions**	**Certifications**
23g	18 (H) x 27 (W) x 87.1 (L) mm	CE/FCC

APPLICATION DIAGRAM

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