EDIMAX
NETWORKING PEOPLE TOGETHER

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USB 3.0
World's First

World's Fastest
AC 1200

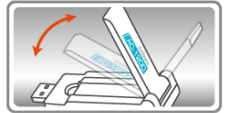**World's Fastest**

2.4GHz 5GHz

Dual-Band

Windows 8 Compatible

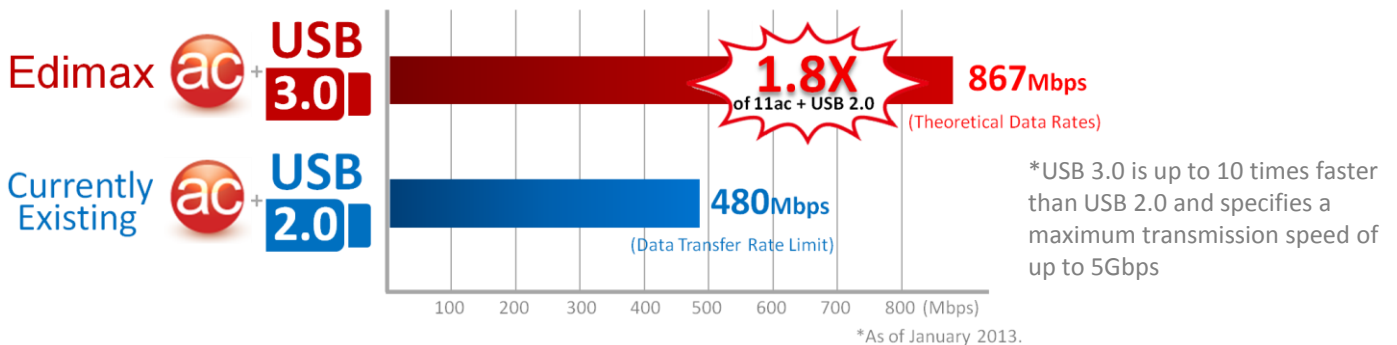**Windows 8 Compatible**

180° Foldaway Antenna

EW-7822UAC

AC1200 Wireless Dual-Band USB Adapter

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.
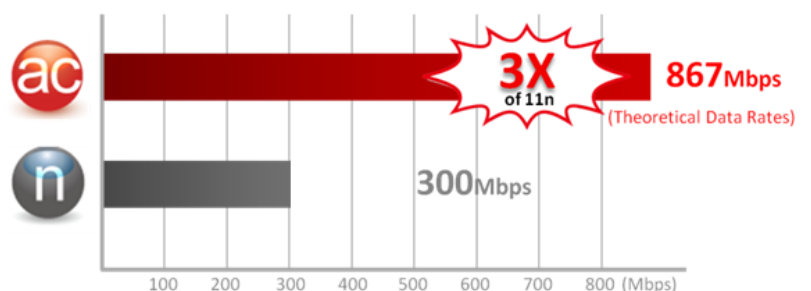
Maximum Speed: Next Generation 802.11ac + USB 3.0 vs. 2.0

Edimax **ac** + USB 3.0
1.8X of 11ac + USB 2.0
867 Mbps
(Theoretical Data Rates)

Currently Existing **ac** + USB 2.0
480 Mbps
(Data Transfer Rate Limit)

100 200 300 400 500 600 700 800 (Mbps)

*USB 3.0 is up to 10 times faster than USB 2.0 and specifies a maximum transmission speed of up to 5Gbps

*As of January 2013.

World's Fastest USB Wi-Fi Adapter

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.

Maximum Speed: Next Generation 802.11ac vs. 802.11n

ac
3X of 11n
867 Mbps
(Theoretical Data Rates)

n
300 Mbps

100 200 300 400 500 600 700 800 (Mbps)

RoHS FC CE

AC1200 Wireless Dual-Band USB Adapter

EW-7822UAC

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.

5GHz (Up to 867Mbps)
Interference-free
HD Video and Gaming

Online Gaming — HD Video Streaming — VoIP Calling

2.4GHz (Up to 300Mbps)
More supported devices
Basic Internet applications

Web Browsing — Online Chat — Email and downloading

EW-7822UAC
Selectable Dual-Band

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.

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.

AC1200 Wireless Dual-Band USB Adapter

EW-7822UAC

FEATURES & TECHNICAL SPECIFICATIONS

- 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) and 867Mbps (5GHz)
- Features a hardware WPS (Wi-Fi Protected Setup) button for easy wireless connections
- Adjustable foldaway antenna for optimum Wi-Fi performance
- Features EZmax multi-language setup wizard (supports Windows XP/Vista/7/8)

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, MCS7): 9.5dBm±1.5dBm	• Multi-Language EZmax 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