

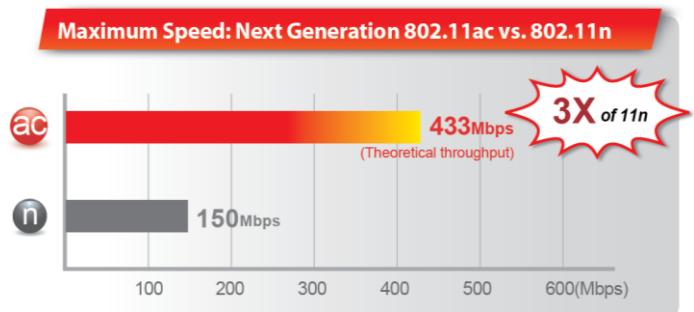
**EW-7811USC**

## AC600 Wi-Fi Dual-Band USB Adapter

The latest 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 USB 2.0 connectivity for blistering Wi-Fi speeds on the interference free 5Ghz frequency band. The EW-7811USC is with a high-performance and dual band antenna. This antenna can greatly increase the effective wireless operation range of 802.11 a/b/g/n/ac wireless devices.

### 11ac Super High-Speed Wi-Fi

The Edimax EW-7811USC is the 11ac super high-speed Wi-Fi adapter, compatible with the latest IEEE 802.11ac standard and delivering speeds of up to 433Mbps at 5GHz - almost three times as fast as 802.11n. Upgrade PC's and notebooks to super high-speed 802.11ac Wi-Fi and enjoy streaming video and data.



### Dual-Band Connectivity

Enjoy better performance and greater flexibility for your Wi-Fi devices, using dual-band connectivity. The EW-7811USC provides connectivity for the 2.4GHz band at speeds of 150Mbps or 5Ghz band at speeds of 433Mbps. 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.



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EW-7811USC

## Detachable Antenna

The EW-7811USC designed with a detachable 3dBi dual-band antenna provides flexible and high performance connections for your wireless network.



## USB Cradle for Enhanced Wireless Signal

The EW-7811USC comes with a 1.2 meter cradle for flexible placement. Adjust the antenna position for peak performance at no extra cost.



## Download and Stream Anywhere

Use the EW-7811USC 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.



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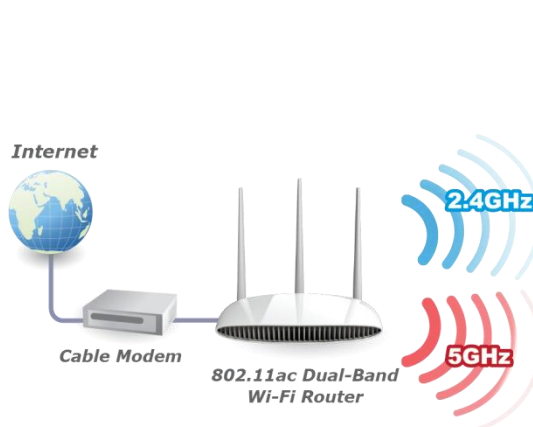
## FEATURES

- 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 150Mbps (2.4GHz) or 433Mbps (5GHz)
- Features a hardware WPS (Wi-Fi Protected Setup) button for easy wireless connections
- Features easy setup wizard
- Supports Windows XP/Vista/7/8/8.1, Linux and Mac OS X (10.4~10.9 ) drivers
- Dual-band 3dBi antenna provides flexible and high performance wireless connections
- USB cradle for flexible placement and better wireless signal

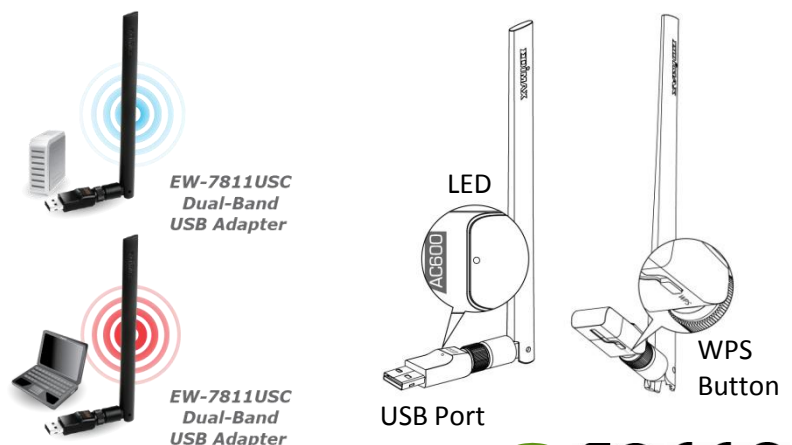
## TECHNICAL SPECIFICATIONS

Hardware	Standards	Frequency Band
<ul style="list-style-type: none"> <li>• 1 x USB 2.0 Type A</li> <li>• 1 x Hardware WPS Button</li> <li>• 1 x Link/Activity LED</li> </ul>	<ul style="list-style-type: none"> <li>• 2.4GHz: IEEE 802.11b, 802.11g, 802.11n</li> <li>• 5GHz: IEEE 802.11ac (Draft), 802.11a, 802.11n</li> </ul>	<ul style="list-style-type: none"> <li>• 2.4000 - 2.4835GHz (subject to local regulations)</li> <li>• 5.150 - 5.825GHz (subject to local regulations)</li> </ul>
Output Power	Installation	Operating Data Rate
<ul style="list-style-type: none"> <li>• 2.4GHz <ul style="list-style-type: none"> <li>11b (11Mbps): 16dBm±1.5dBm</li> <li>11g (54Mbps): 13dBm±1.5dBm</li> <li>11n (20MHz, MCS7): 12dBm±1.5dBm</li> <li>11n (40MHz, MCS7): 12dBm±1.5dBm</li> </ul> </li> <li>• 5GHz <ul style="list-style-type: none"> <li>11a (54Mbps): 13dBm±1.5dBm</li> <li>11n (20MHz, MCS7): 12dBm±1.5dBm</li> <li>11n (40MHz, MCS7): 12dBm±1.5dBm</li> <li>11ac (80MHz, MCS9): 10dBm±1.5dBm</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Multi-Language easy setup wizard</li> <li>• Hardware WPS Button for Easy Wireless Connections</li> </ul>	<ul style="list-style-type: none"> <li>• 11a: 6/9/12/24/36/48/54Mbps;</li> <li>• 11b: 1/2/5.5/11Mbps;</li> <li>• 11g: 6/9/12/24/36/48/54Mbps</li> <li>• 11n (20MHz): MCS0-07 (up to 72Mbps)</li> <li>• 11n (40MHz): MCS0-07 (up to 144Mbps)</li> <li>• 11ac (80MHz): VHTMCS0-9 (up to 433Mbps)</li> </ul>
LED	Security	Temperature & Humidity
<ul style="list-style-type: none"> <li>• Link/Activity</li> </ul>	<ul style="list-style-type: none"> <li>• WEP 64/128-bit, WPA, WPA2, 802.1x</li> <li>• Hardware &amp; Software WPS Configuration</li> </ul>	<ul style="list-style-type: none"> <li>• Max. 95% (non-condensing)</li> <li>• 32 - 104°F (0 - 40°C)</li> </ul>
Dimensions & Weight	Certifications	Accessories
<ul style="list-style-type: none"> <li>• 50(L) x 16(W) x 12(H) mm</li> <li>• Detachable Antenna 192mm(L)</li> <li>• 8g</li> </ul>	<ul style="list-style-type: none"> <li>• CE/FCC</li> </ul>	<ul style="list-style-type: none"> <li>• 1 x USB cradle with 1.2 meter cable</li> </ul>

## 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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