



Next Generation Wi-Fi



Dual-Band



High Gain Antenna  
For Better Coverage

**EW-7811UAC**

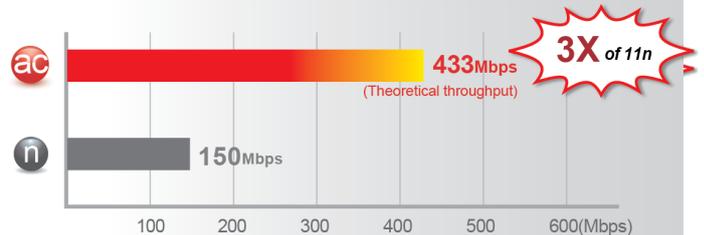
## AC600 Wi-Fi Dual-Band High Gain USB Adapter

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

### Next Generation Wi-Fi Standard

The Edimax EW-7811UAC is the next generation of Wi-Fi adapter, compatible with the draft 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.

#### Maximum Speed: Next Generation 802.11ac vs. 802.11n



### Dual-Band Connectivity

Enjoy better performance and greater flexibility for your Wi-Fi devices, using dual-band connectivity. The EW-7811UAC 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.

5GHz (Up to 433Mbps)  
Interference-free  
HD video and gaming



Online Gaming



HD Video Streaming



VoIP Calling



Selectable  
Dual-Band



Web Browsing



Online Chat



Email and Downloading

2.4GHz (Up to 150Mbps)  
More supported devices  
Basic Internet applications



# AC600 Wi-Fi Dual-Band High Gain USB Adapter

EW-7811UAC

## 4dBi/6dBi High Gain Antenna

The EW-7811UAC High Gain Antenna, 4dBi (2.4GHz) and 6dBi(5GHz), provides high performance and long distance connections for your wireless network.



USB Adapter



EW-7811UAC

**4dBi/6dBi USB Adapter**  
High Gain Antenna for Better Performance  
and Longer Distance

## USB Cradle for Enhanced Wireless Signal

The EW-7811UAC 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-7811UAC 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
- Supports Windows 7/8/8.1/10/11, Linux Kernel 3.11~5.11 and macOS 10.9~10.15. Additional version information will be announced on the EDIMAX website download section.
- High gain antenna, 4dBi (2.4GHz) and 6dBi(5GHz), provides high performance long distance 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): 16±1.5dBm</li> <li>11g (54Mbps): 14±1.5dBm</li> <li>11n (20MHz, MCS7): 14±1.5dBm</li> <li>11n (40MHz, MCS7): 14±1.5dBm</li> </ul> </li> <li>• 5GHz                             <ul style="list-style-type: none"> <li>11a (54Mbps): 12dBm±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>• 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): MCS0-9 (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>• WPA3-SAE(Personal), WPA2, WPA, WEP, 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>• 190(L) x 20(W) x 7(H) mm</li> <li>• 18g</li> </ul>  | <ul style="list-style-type: none"> <li>• CE, FCC, IC</li> </ul>   | <ul style="list-style-type: none"> <li>• 1 x USB cradle with 1.2 meter cable</li> </ul>   |

## APPLICATION DIAGRAM

