

### Perfect for Gigabit WiFi Router

U12 is a dual-band 11ac Wireless USB Adapter. 5GHz band wireless transmission rates is up to 867Mbps and the 2.4GHz is 400Mbps. It makes more smoothly on high-definition video, online games and other network experiences. It uses USB3.0 interface, which is 10 times transfer rate than USB2.0. Equipped with a USB extension cable, it is better for flexible placement to choose the best position and achieve maximum performance. What is more, U12 is compatible with Windows xp/7/8/8.1/10, MAC OS10.6~10.12, Linux.



U12 fully leverages the bandwidth of a gigabit router to reach a wireless download speed of as high as 100 Mbps! More specifically, it takes merely 200 seconds to download a 2 GB movie, offering a thrilling cyber experience.



It employs the 256-QAM technology to break the transmission speed limit of the 802.11n protocol and achieve a throughput of up to 400 Mbps over the 2.4 GHz network. It also offers a throughput of up to 867 Mbps over the 5 GHz network. You can choose an operating frequency band rarely used in the ambient environment, so as to effectively avoid radio interference and network congestion for more stable wireless signals and better transmission performance.



1. Four electrically separated PCB layers for better anti-interference capabilities of components
2. High-precision linear power supply to further stabilize operations
3. Walsin RFD duplexer to improve signal utilization
4. TDK common mode filter to suppress signal interference from the USB port
5. Stable USB 3.0 transmission, 10 times faster than USB 2.0 transmission
6. High-gain extension cable (copper core shielded with multiple layers of aluminum foil) to allow you to flexibly adjust the location of the wireless network adapter for optimum performance



Compatible with Windows XP/7/8/8.1/10, MAC OSs 10.6 - 10.12, and Linux OSs, to address the requirements of various users for wireless internet connections

| Hardware Features      |   |
|------------------------|---|
| Interface              | USB3.0  |
| Button                 | WPS button  |
| LED                    | 1* System LED   |
| Dimensions (W X D X H) | 93.8mm*30.2mm*13.4mm  |
| Dimensions (W X D X H) | PIFA Antenna  |
| WIRELESS FEATURES      |   |
| Wireless Standards     | IEEE 802.11ac, IEEE 802.11a,  |
|                        | IEEE 802.11n, IEEE 802.11g, IEEE 802.11b  |
| Frequency              | 5GHz  |
|                        | 2.4GHz  |
| Signal Rate            | 11n:Up to 400Mbps(dynamic)  |
|                        | 11ac:Up to 867Mbps(dynamic)   |
| Transmit Power         | <20dBm (EIRP)   |
| Wireless Security      | WPA-PSK/WPA2-PSK,WPA/WPA2,WEP,WPS   |
| Modulation Technology  | DBPSK, DQPSK, CCK, 16-QAM, 64-QAM, 256-QAM  |
| OTHERS                 |   |
| Certification          | CE, FCC, RoHS,EAC   |
| System Requirements    | windows10(32/64bits),Windows 8.1(32/64bits), Windows 8(32/64bits),Windows 7(32/64bits), |
|                        | Windows XP(32/64bits), Mac OS X 10.6~10.12, Linux                                       |
| Package Contents       | Wireless Dual Band USB Adapter * 1  |
|                        | USB Extension Cable * 1   |
|                        | CD Resource * 1   |
|                        | Install Guide * 1   |
| Environment            | Operating Temperature: 0 C ~40 C (32 F ~104 F )   |
|                        | Storage Temperature: -40 C ~70 C (-40 F ~158 F )  |
|                        | Operating Humidity: 10%~90% non-condensing  |
|                        | Storage Humidity: 5%~90% non-condensing   |
| Related Products       | AC9、 AC15、 AC18   |

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