USB-AC51U

Dual-Band Wireless-AC600 Wi-Fi adapter

- The pocket-size 802.11ac USB Wi-Fi adapter
- Selectable dual-band 5GHz/2.4GHz for up to 433 Mbps
- Instant upgrade to next generation 5G Wi-Fi for your desktop and notebook

Readers' Choice, 5 Years Running! (2012-2016)
"With a Readers' Choice Award win every year since 2012, Asus seems to make a different router for every budget and need. Respondents continue to be very satisfied with what the company has to offer." – PC Magazine

The Most Consumer Recommended Router Maker of 2015!– PC Magazine
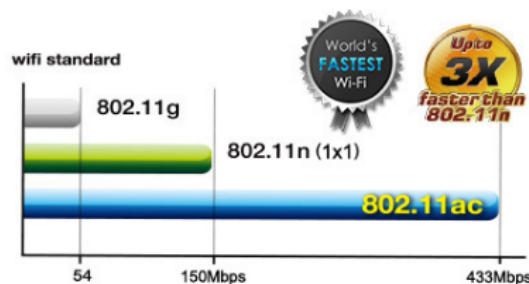
The easy way to add next-generation 802.11ac Wi-Fi to notebook and desktop PCs

ASUS USB-AC51 is a pocket-size 802.11ac USB Wi-Fi adapter for you to instantly upgrade your desktop and notebook to the next generation 5G Wi-Fi with hassle-free setup. Its specially-designed internal antenna provides wireless speeds up to up to 150Mbps at 2.4Ghz and 433Mbps at 5Ghz. It supports multiple operating systems including Windows, Mac OS X, and Linux. The transmission quality and excellent features make USB-AC51 a great choice for simultaneous downloads, online gaming, and video streaming

Next gen 802.11ac wireless, up to 3X faster than previous wireless N adapters
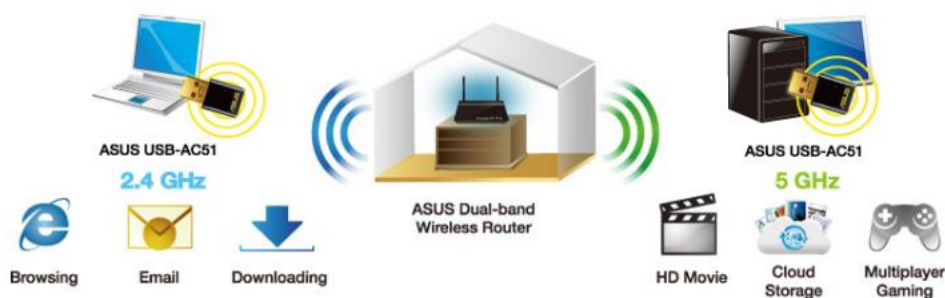
Fast Wi-Fi becomes more accessible via USB, going up to 433Mbps on the clear 5Ghz band. Using 802.11ac wireless, faster connectivity and enjoyment come to all your devices. Compared with current 802.11n, the USB-AC51 delivers up to 433Mbps at 5Ghz, which is 3X faster than 802.11n.

*Quoted network speeds and bandwidth based on current IEEE 802.11ac specifications. Actual performance may be affected by network and service provider factors, interface type, and other conditions. Connected devices must be 802.11ac-compatible for best results.

wifi standard

World's FASTEST Wi-Fi

Upto 3X faster than 802.11n

802.11g
802.11n (1x1)
802.11ac

54   150Mbps   433Mbps

Selectable dual-band 433 Mbps/150Mbps bandwidth

Dual-band operation suits mainstream and power users. The 2.4 GHz band is perfect for web browsing, email, and social networking, while the 5 GHz frequency enables smooth HD streaming and online multiplayer for blazingly fast and lag-free home entertainment.

ASUS USB-AC51
2.4 GHz

Browsing Email Downloading

ASUS Dual-band Wireless Router

ASUS USB-AC51
5 GHz

HD Movie Cloud Storage Multiplayer Gaming

Tiny 802.11ac Wi-Fi adapter for easy connection and instant upgrade for PCs

The world's most compact wireless USB adapter measures just 3cm long. It's easy to carry and fits in pockets, yet offers strong wireless. With its USB interface, the USB-AC51 gives your desktop and notebook an instant 802.11ac Wi-Fi upgrade, with access to speeds of up to 433 Mbps.

Keep Up to Date!

Remember to always keep your device's firmware up to date so you can benefit from the very latest service and security enhancements — and get exciting new features! Learn more about updating new firmware.

What's Inside the Box

- USB-AC51 Dual-Band Adapter
- Warranty card
- Quick Start Guide
- Support CD (WPS Utility Software)

Specifications

- Wireless Type: 802.11 ac/n/g/a/b
- Wireless Speed: Up to 433Mbps
- Wireless Frequency: Dual-band (2.4 & 5 GHz)
- USB Port(s): USB 2.0
- Warranty: 3 years

Scan for full
features and specs

Connectivity

3cm   1.6cm

0.7cm

Specification

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac
Product Segment	AC600 complete AC performance : 150 / 433 Mbps
Data Rate	802.11a : 6,9,12,18,24,36,48,54 Mbps 802.11b : 1, 2, 5.5, 11 Mbps 802.11g : 6,9,12,18,24,36,48,54 Mbps 802.11n : up to 300 Mbps 802.11ac : up to 433 Mbps
Antenna	Internal 4.56 dBi antenna x 2
Operating Frequency	2.4G Hz, 5 GHz
Encryption	64-bit WEP, 128-bit WEP, WPA2-PSK, WPA-PSK, WPA-Enterprise , WPA2-Enterprise , Radius with 802.1x, WPS support
Ports	USB 2.0
LED Indicator	WAN x 1
OS Support	Windows® 10 Windows® 8.1 Windows® 8 Windows® 7 Windows® Vista Windows® XP Mac OS X 10.4 Mac OS X 10.5 Mac OS X 10.6 Mac OS X 10.7 Mac OS X 10.8 Mac OS X 10.9 Mac OS X 10.10 * Linux Kernel (Support Ubuntu only) Linux *WPA Enterprise encryption is not supported in MAC 10.10 version