



AWUS036AX is the WiFi 6 (802.11ax) 2x2 dual-band 2.4 GHz and 5 GHz USB adapter.

The AWUS036AX USB adapter incorporates highly integrated Realtek™ RTL8832BU WLAN chipset, with support for 802.11ax standard.

The device supports dual-band operation (2.4 GHz or 5 GHz band), is backward compatible (802.11a/b/g/n/ac) and includes two RP-SMA female connectors equipped with dual-band 5 dBi dipole omni antennas.

Key features

- 1 RTL8832BU WiFi 6 chipset
- 2 USB-A connector support USB 3.2 GEN 1
- 3 RP-SMA external antenna connector
- 4 High-gain dual-band 2.4 GHz +5 GHz detachable dipole antenna
- 5 LED indicator

Chipset	Realtek™ RTL8832BU
IEEE 802.11 standards	a/b/g/n/ac/ax
Frequency	2.4 GHz 5 GHz
Data rate	11b: 1, 2, 5.5, 11 Mbps 11a/g: 6, 9, 12, 18, 24, 36, 48 and 54 Mbps 11n: up to 300 Mbps 11ac: up to 866.7 Mbps 11ax: up to 573.5 Mbps 11ax: up to 1201 Mbps
USB connector	USB 3.2 Gen 1 Type-A
Wi-Fi Antenna	2x RP-SMA antenna connector with 2x dual-band high-gain dipole antenna
Power consumption	3.6 W (max.)
Dimensions	87.4 x 28.5 x 12 mm
Operating temperature	-20°C - 70°C
Operation voltage	5V
OS support	Windows 10/11 & Linux