

AWUS036AXML

WiFi 6/6E Tri-Band USB Adapter with Bluetooth 5.2

The AWUS036AXML is a high-performance 2x2 USB adapter supporting WiFi 6/6E (802.11ax) across 2.4 GHz, 5 GHz and 6 GHz bands, together with Bluetooth 5.2. Wireless throughput is rated up to 3000 Mbps when used with a compatible WiFi 6E router; with many router stream configurations, 800-1200 Mbps is described as a more common speed range.



• WiFi 6/6E (802.11ax)	• Tri-band 2.4 / 5 / 6 GHz
• Bluetooth 5.2	• USB 3.2 Gen 1 Type-C
• 2 detachable 5 dBi antennas	• 2x RP-SMA female connectors
• 2-in-1 USB-C / USB-A cable	• Included screen clip

Technical Specifications

Chipset	MediaTek MT7921AUN
IEEE 802.11 standards	a/b/g/n/ac/ax
Bluetooth	5.2
Frequency / channel width	2.4 GHz (20 / 40 MHz) 5 GHz (20 / 40 / 80 MHz) 6 GHz (20 / 40 / 80 MHz)
Data rate	2.4 GHz: up to 600 Mbps 5 GHz: up to 1200 Mbps 6 GHz: up to 1200 Mbps
USB connector	USB Type-C
Antenna connector	2x RP-SMA (female) for WiFi
Antenna	2x 5 dBi external antennas
Power consumption	2.7 W max.
Operating voltage	5 V
Dimensions	85 x 63 x 20 mm (3.4 x 2.5 x 0.8 in)
Operating temperature	-25 °C to 75 °C (-13 °F to 167 °F)
OS support	Windows / Linux

Connectivity and Antenna Flexibility

A 2-in-1 USB-C / USB-A power and data cable allows connection to computers with either USB-C or USB-A ports. The detachable antennas use RP-SMA female connectors, allowing the supplied antennas to be replaced with higher-gain antennas when a longer connection distance is required.