AX1800 Wi-Fi 6 USB Adapter

AX18U

Key Features

- Foldable antenna for enhanced portability and reception
- AX1800 speeds of up to 574 Mbps (2.4 GHz) or 1201 Mbps (5 GHz)[1]
- OFDMA and MU-MIMO technology provides a faster and more stable connection even when multiple devices are transmitting data simultaneously
- Dual-band support gives you the flexibility to connect to the 2.4 GHz or the less congested and faster 5 GHz band
- Latest WPA3 Wi-Fi security with 128-bit encryption
- USB 3.0 support provides the maximum throughput to your PC
- Backwards compatible with older generation wireless routers
- One-click installation with Windows 11/10

User Benefits

Wi-Fi 6

Perfect for uninterrupted 4K streaming, online gaming and video calling

Dual Band Connectivity

2.4GHz and 5GHz Wi-Fi bands for flexible connectivity

WPA3™ Encryption

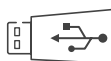Offers the latest Wi-Fi security for better protection and safer connections

Backwards Compatible

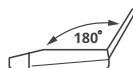Fully compatible with any Wi-Fi routers and gateways

Plug & Play

Adapter comes with pre-loaded drivers for quick installation

Fast USB 3.0

Up to 10x the speed of USB 2.0 to enhance data transmission efficiency

Foldable Antenna

180° adjustable angle for optimal signal reception and connectivity

Compact Design

Easy to carry compact design for travel convenience

Technical Specifications

General	
Wireless Encryption	WPA2 WPA3
Standards	IEEE 802.11ax/ac/n/a (5 GHz) IEEE 802.11ax/n/g/b (2.4 GHz)
Antenna Type	Foldable antenna

Requirements	
Operating System	Windows 11/10, 64 and 32 bit
Interface[2]	USB 3.0 port

Physical	
Dimensions	83.5 x 31 x 14.6 mm
Weight	21 g
Power	Power consumption: 　• Standby mode: 125mA 　• Operating mode: 490mA Operating voltage: 5V DC+-10%
Operating Temperature	0 to 40 °C (32 to 104 °F)
Storage Temperature	-20 to 75˚ C (-4 to 167° F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Certifications	FCC Class B CE IC

1. Maximum wireless signal rate derived from IEEE standard 802.11ax/ac/n/g/b/a specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors may adversely affect wireless signal range.
2. Using a USB 1.1 or USB 2.0 port will affect device performance. USB 3.0 port or higher recommended.

D-Link