

AX1800 Wi-Fi 6 USB Adapter

AX18U

Key Features

- AX1800 speeds up to 574 Mbps (2.4GHz) + 1201 Mbps (5GHz)¹
- 802.11ax protocol with OFDMA and MU-MIMO technologies ensure a fast and efficient Wi-Fi connection
- Provides the latest WPA3™ encryption for network security
- Backwards compatibility to work with your existing wireless devices
- Auto installation driver for Windows 11/10 operating systems



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



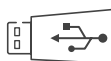
Backwards Compatible

Fully compatible with any Wi-Fi routers and gateways



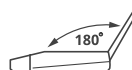
Plug & Play

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	<ul style="list-style-type: none">• WPA2™• WPA3™
Standards	<ul style="list-style-type: none">• IEEE 802.11ax• IEEE 802.11ac• IEEE 802.11n• IEEE 802.11g/b/a
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 (3.29 x 1.22 x 0.58 in)
Weight	21 g (0.74 oz)
Power Adapter	Power consumption: <ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• FCC Class B• CE• IC
Ordering Information	
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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.