

AX1800 Wi-Fi 6 USB Adapter

AX18U

Wi-Fi
6

Reach Peak Performance with Wi-Fi 6 on Your PC

- **Super-Fast Wi-Fi 6 (802.11ax) Standard:** Ideal for uninterrupted 4K streaming, online gaming, and video calling
- **AX1800 Performance:** Speeds of up to 1,201 Mbps (5 GHz) and 574 Mbps (2.4 GHz)¹
- **Dual-Band Capability:** 2.4 GHz and 5 GHz bands for flexible connectivity
- **Improved Efficiency:** 802.11ax technology with OFDMA and MU-MIMO ensures fast and efficient Wi-Fi connectivity
- **Enhanced Security:** Latest WPA3™ encryption offers stronger personal data protection
- **Backwards Compatibility:** Works with your existing wireless devices
- **Fast USB 3.0 Interface:** Utilises a high-speed USB 3.0 connection for faster data transfer and maximum Wi-Fi performance
- **Windows 11/10 Support:** Auto-installation driver for hassle-free setup
- **Adjustable Foldable Antenna:** Features a 180° foldable antenna that can be positioned for improved signal reception and reliable connectivity



Wi-Fi 6

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



Dual Band Connectivity

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



WPA3™ Encryption

Provides the latest Wi-Fi security for enhanced protection and safer connections



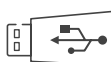
Backwards Compatible

Fully compatible with Wi-Fi routers and gateways



Plug & Install

The adapter comes with pre-loaded drivers for quick installation



Fast USB 3.0

Delivers up to 10 times the speed of USB 2.0 for enhanced data transmission efficiency



Foldable Antenna

180° adjustable antenna angle for optimal signal reception and connectivity



Compact Design

Compact and portable design for convenient travel

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Technical Specifications	
General	
Wireless Security	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 (32-bit and 64-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: 125 mA • Operating mode: 490 mA • Operating voltage: 5V DC+-10%
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 75°C
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Certifications	CE, FCC Class B, IC, RCM
Ordering Information	
AX9U	AX1800 Wi-Fi 6 USB Adapter
Barcode / UPC	790069475566

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 may affect device performance. A USB 3.0 port or higher is recommended.

