AX1800 High Gain Wireless Dual Band USB Adapter

Model: MA72XH

// Highlights

- 1201 Mbps + 574 Mbps Dual Band Wi-Fi[†]

- Powerful High Gain Antennas

- Pre-Loaded Internal Driver

- Enhanced WPA3 Security[‡]

- MU-MIMO Supported[§]

Upgrade Your PC to Wi-Fi 6

The Wi-Fi 6 standard guarantees faster, more efficient and reliable data transmissions, satisfying the demand for a high-performance wireless experience.

Boost Wireless Range with High Gain Antennas
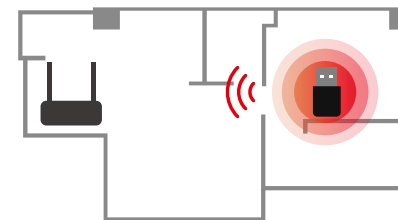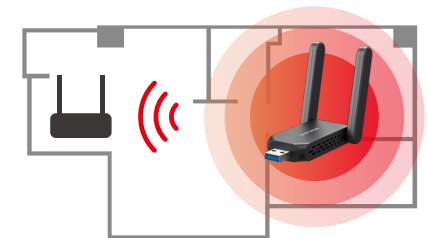
With two high gain antennas and beamforming, enjoy extended reach and precise directional coverage, ensuring faster, more stable wireless connections to your router.

Wi-Fi 6   5 GHz

1201 Mbps

1.4×

Wi-Fi 5   5 GHz

867 Mbps

FASTER

Regular Adapter

MA72XH

// Specifications

Physical Specifications

Interface
USB 3.0

Dimensions (W x D x H)
77 x 45.2 x 12.4 mm
(3.03 × 1.78 × 0.49 in.)

Antenna
2 External High Gain Antennas

Wireless Specifications

Wireless Standards
Compatible with 802.11ax-/ac/a/b/g/n Wi-Fi standards[†]

EIRP
<20dBm (EIRP)

Wireless Security
WPA/WPA2, WPA-PSK/WPA2-PSK/WPA3-SAE

Wireless Function
Enable/Disable Wireless Radio

Signal Rate
• Up to 1201 Mbps on 5 GHz
• Up to 574 Mbps on 2.4 GHz

Reception Sensitivity
2G:
• HE40 MCS0: -92 dBm
• HE40 MCS11: -62 dBm

5G:
• HE80 MCS0: -88 dBm
• HE80 MCS11: -60 dBm

Others

System Requirements
Windows 11/10 （32/64 bit）

// Package Contents

1. AX1800 High Gain Wireless Dual Band USB Adapter (MA72XH)
2. Quick Installation Guide

For more information, please visit www.mercusys.com.

†Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, AP limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and AP location.
‡Use of WPA3 requires APs to also support the corresponding feature. To use WPA3, you may need to upgrade the drivers which can be downloaded on the official website of MERCUSYS.
§Use of Wi-Fi 6 (802.11ax) and features including OFDMA, MU-MIMO and 1024-QAM requires APs to also support the corresponding features.