

**Wi-Fi 6E****Windows 11**

Compatible with Windows 11/10 (64-bit)

# AXE5400 Wi-Fi 6E Bluetooth PCIe Adapter

Model: MA88XE

## // Highlights

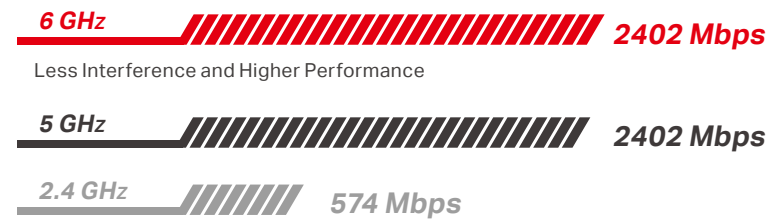
- Ultra-Faster 2402 Mbps + 2402 Mbps + 574 Mbps Tri-Band Wi-Fi†
- Powerful Wi-Fi 6E Chipset
- Magnetized Antenna Base
- Lower Latency
- Low-Profile Bracket Support
- Bluetooth 5.4\*
- MU-MIMO‡
- Enhanced WPA3 Security§



## // Features

### Upgrade Your PC to Wi-Fi 6E

MA88XE arms your PC with Wi-Fi 6E and the new 6 GHz band, unlocking your Wi-Fi 6E router's full potential. The 6 GHz band offers seven extra 160 MHz channels exclusive to Wi-Fi 6E devices, reducing interference from legacy devices and maintaining high speeds.†

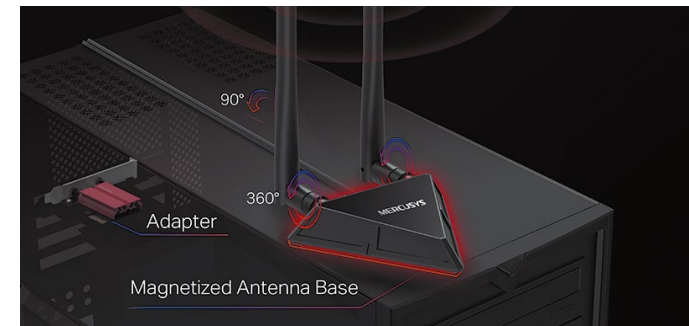


### Super-Stable Bluetooth 5.4

MA88XE adds the brand-new Bluetooth 5.4 to your PC, delivering stable connections, excellent compatibility, and fast speeds. Enjoy the simplicity of connecting your Bluetooth devices to your computer.\*

### Broader Coverage

The magnetized antenna base with two high-performance omnidirectional antennas ensures stronger signal transmissions and reception for a faster, smoother online experience from farther away.



### Overall Security Protection

The latest security standard, WPA3, delivers comprehensive Wi-Fi protection to safeguard your devices and private data against brute-force attacks.‡

## // Specifications

### Wireless

#### Wireless Standards

Compatible with  
802.11ax/ac/a/b/g/n Wi-Fi standards†

#### Signal Rate‡

2402 Mbps on 6 GHz  
2402 Mbps on 5 GHz  
574 Mbps on 2.4 GHz

#### Reception Sensitivity

6 GHz:	2.4 GHz:
11ax HE20 MCS11: -59 dBm	11g 6Mbps: -92 dBm
11ax HE160 MCS11: -48 dBm	11g 54Mbps: -76 dBm
5 GHz:	11n HT40 MCS7: -70 dBm
11a 6Mbps: -92 dBm	11ax HE40 MCS11: -60 dBm
11a 54Mbps: -75 dBm	
11n H40 MCS7: -70 dBm	
11ac VHT80 MCS9: -62 dBm	
11ax HE80 MCS11: -56 dBm	
11ax HE160 MCS11: -51 dBm	

#### Wireless Security

WPA-PSK/WPA2-PSK/WPA3-SAE§

### Hardware

#### Antennas

2× High-Performance  
Omni-Directional Antennas

#### Dimensions

120.8 × 80.2 × 21.5 mm  
(4.76 × 3.16 × 0.85 inches)

### Others

#### Environment

Operating Temperature: 0°C~40°C (32°F~104°F)  
Operating Humidity: 10%~90% Non-Condensing  
Storage Humidity: 5%~90% Non-Condensing

#### System Requirements

Compatible with Windows 11/10 (64-bit)ª

NOTE: Currently, the 6 GHz band is only available on Windows 11.

#### Package Contents

- AXE5400 Wi-Fi 6E Bluetooth 5.4 PCIe Adapter (MA88XE)
- Magnetized Antenna Base with 1m RF Cable
- 2× High-Performance Antennas
- Low-Profile Bracket
- Bluetooth Header Cable
- Quick Installation Guide
- Resource CD

Specifications are subject to change without notice. All brands and product names are trademarks or registered trademarks of their respective holders. Copyright © 2026 MERCUSYS. All rights reserved.

†Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage, and number of connected devices 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 Wi-Fi 6, Wi-Fi 6E (802.11ax), and features including OFDMA, MU-MIMO, 1024-QAM, or HE160 requires APs to also support the corresponding features. 160 MHz channels may not all be available in the 5 GHz or 6 GHz band in some regions/countries due to regulatory restrictions.

§Use of WPA3 requires APs to also support WPA3.

ªFunctionality of MA88XE, such as Bluetooth 5.4, may be restricted on some computing systems and platforms. Please strive to update the device's driver for feature compatibility.