Model: WU5400 1.0

# AX5400 High-Gain USB 3.0 Wi-Fi 6E Adapter



Datasheet

# Highlights

A high-gain Wi-Fi adapter that upgrades your PC with advanced tri-band Wi-Fi 6E connectivity. The 6 GHz band delivers impressively low-latency performance, making it ideal for online gaming.

- Tri-Band Wi-Fi 6E
- 2.4 Gbps + 2.4 Gbps + 574 Mbps WiFi
- USB 3.0 Lightning-Fast Data Transfer
- Works on Windows 10/11

Actual wireless data throughput will vary as a result of network conditions, client limitations, and environmental factors including building layout, obstacles, and client location.

# Package Content

- WU5400
- Installation Guide

# Hardware Specs

| | | |
|---|---|---|
| **Model Version** | WU5400 1.0 | |
| **Wireless** | 6 GHz Wi-Fi Speed | 2402 Mbps |
| | 5 GHz Wi-Fi Speed | 2402 Mbps |
| | 2.4 GHz Wi-Fi Speed | 574 Mbps |
| | 6 GHz Wi-Fi Streams | 2 Spatial Streams |
| | 5 GHz Wi-Fi Streams | 2 Spatial Streams |
| | 2.4 GHz Wi-Fi Streams | 2 Spatial Streams |
| | Wi-Fi Antennas | 2 |
| **Interfaces** | Upstream Connection | USB-A 3.0 |
| **Buttons and LEDs** | LED | System |
| **Reliability** | Environment | • Operating Temperature: 0 ℃ ~ 40 ℃ (32 ℉ ~104 ℉)<br>• Storage Temperature: -40 ℃ ~ 70 ℃ (-40 ℉ ~ 158 ℉)<br>• Humidity: 10% ~ 90% non-condensing<br>• Storage Humidity: 5% ~ 95% non-condensing |

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|---|---|---|
| **Requirements** | Hardware Requirement | Requires a USB 3.0 or higher standard USB port for full speed |
| | Compatible OS | Windows 10/11 or later OS |
| | Driver Installation | Auto driver installation on Windows 10/11.<br>The 6 GHz Wi-Fi band is only supported on Windows 10 version 22H2 and later. |
| **Certifications** | FCC, CE | |
| **Mechanical** | Dimension | 29.9×13.2×88.8 mm<br>1.18×0.52×3.5 inches |
| | Product Weight | 24.7 g (0.87 oz.) |
| **Package Content** | • WU5400<br>• Installation Guide | |
| **Ordering Information** | Retail Package Weight | 78.0 g (2.75 oz.) |
| | Retail Package Dimension | 90×25×150 mm<br>3.54×0.98×5.91 inches |

# Hardware Specs

| | | |
|---|---|---|
| **Ordering Information** | Carton Net Weight | 15.6 kg (34.39 lbs) |
| | Carton Gross Weight | 16.7 kg (36.82 lbs) |
| | Units per Carton | 200 |
| | Carton Dimension | 53.6×47.4×32.2 cm<br>21.1×18.66×12.68 inches |

# Software Specs

| | | |
|---|---|---|
| **Model Version** | WU5400 1.0 | |
| **Wireless** | Wi-Fi Standards | Wi-Fi 6E |
| | Max Wi-Fi Modulation | 1024-QAM |
| | Wi-Fi Efficiency | • OFDMA<br>• MU-MIMO<br>• BSS Color |
| | Wi-Fi Channel Width | Auto/20/40/80/160 MHz |
| | Wi-Fi Security | WPA/WPA2/WPA3 |
| **Drivers** | Automatic Installation for Windows 10/11. | |