

Model: WU5400

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

-  Tri-Band Wi-Fi
2402+2402+574 Mbps
-  High Gain Antennas
-  Plug & Play



AX5400 Blazing Fast 5378Mbps Wi-Fi Speeds

6 GHz 2402 Mbps

5 GHz 2402 Mbps

2.4 GHz 574 Mbps

Tri-Band Wi-Fi 6E



Boosted Coverage with High-Gain Antennas

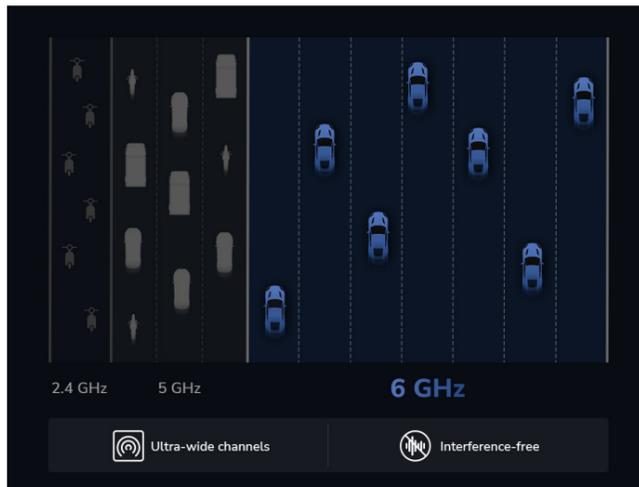


USB 3.0 Ultra Fast Transfer Speeds



Compatibility Windows 10/11

Plug and Play Auto Installation



The Express Way: 6 GHz Band - Your Dedicated Gaming Lane



Unleash the Power of Tri-Band with Wi-Fi 6E AX5400



USB 3.0 Lightning-Fast Data Transfer



High-Gain Antennas



Highlights

A high-gain Wi-Fi 6E USB adapter for equipping your PC with long-distance tri-band Wi-Fi capabilities. A USB 3.0 or higher port is required for full speed.

- Tri-Band Wi-Fi 6E
- 2.4 Gbps + 2.4 Gbps + 574 Mbps WiFi *
- Works on Windows 10/11

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 | 2T2R (2×2 MIMO) |
| | 5 GHz Wi-Fi Streams | 2T2R (2×2 MIMO) |
| | 2.4 GHz Wi-Fi Streams | 2T2R (2×2 MIMO) |
| | Wi-Fi Antennas | 2 |
| | 5 GHz Antenna Gain Max | 3 dBi |
| | 2.4 GHz Antenna Gain Max | 3 dBi |
| Interfaces | LED | System |
| Reliability | Environment | |
| | <ul style="list-style-type: none"> • Operating Temperature: 0 °C ~ 40 °C (32 °F ~104 °F) • Storage Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F) • Humidity: 10% ~ 90% non-condensing • Storage Humidity: 5% ~ 95% non-condensing | |
| | 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. 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 |
| | | 1.18×0.52×3.5 inches |
| | Product Weight | 24.7 g (0.87 oz.) |

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



| | | |
|-------------------------|--------------------------|-----------------------|
| Ordering Information | Retail Package Weight | 78.0 g (2.75 oz.) |
| | Retail Package Dimension | 90×25×150 mm |
| | | 3.54×0.98×5.91 inches |
| | 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 |
| 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 |
| | | | • MU-MIMO |
| | | | • BSS Color |
| | Max Wi-Fi Channel Width | 160 MHz | |
| | Wi-Fi Security | WPA/WPA2/WPA3 | |

CE DECLARATION OF CONFORMITY

For the following equipment:

Product Name: AX5400 High Gain USB 3.0 Wi-Fi 6E Adapter

Model Number: WU5400

Trademark: Cudy

We declare under our own responsibility that the above product satisfies all the technical regulations applicable to the product within the scope of Council Directives:

Directive 2014/30/EU, Directive 2014/35/EU, Directive 2014/53/EU, Directive 2011/65/EU, Directive (EU) 2015/863

The above product is in conformity with the following standards or other normative documents:

| | |
|--|---|
| EN 55032:2015+A1:2020 | ETSI EN 300 328 V2.2.2 (2019-07) |
| EN IEC 61000-3-2:2019+A1:2021 | ETSI EN 301 893 V2.1.1 (2017-05) |
| EN 61000-3-3:2013+A2:2021 | ETSI EN 300 440 V2.2.1 (2018-07) |
| EN 55035:2017+A11:2020 | ETSI EN 303 687 V1.1.1 (2023-06) |
| EN IEC 62368-1:2020+A11:2020 | EN 50663:2017 |
| ETSI EN 301 489-1 V2.2.3 (2019-11) | EN IEC/IEEE 62209-1528:2021 |
| ETSI EN 301 489-3 V2.3.2 (2023-01) | EN 50566:2017+A1:2023 |
| ETSI EN 301 489-17 V3.2.4 (2020-09) | |

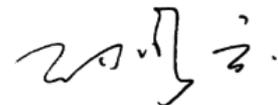
Person responsible for making this declaration:

Sun Qiaoyun

Regulatory Compliance Manager

Place of issue: Shenzhen, China

Date of issue: 2025-5-26



ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ

Για τον ακόλουθο εξοπλισμό:

Όνομα Προϊόντος: AX5400 High Gain USB 3.0 Wi-Fi 6E Adapter

Αριθμός Μοντέλου: WU5400

Εμπορικό Σήμα: Cudy

Διακηρύσσουμε με κάθε ευθύνη ότι το παραπάνω προϊόν συμμορφώνεται με όλους τους τεχνικούς κανονισμούς που ισχύουν για το προϊόν, εντός του αντικειμένου των Κοινοτικών Οδηγιών:

Οδηγία 2014/30/ΕΕ, Οδηγία 2014/35/ΕΕ, Οδηγία 2014/53/ΕΕ, Οδηγία 2011/65/ΕΕ, Οδηγία (ΕΕ) 2015/863

Το παραπάνω προϊόν βρίσκεται σε συμμόρφωση με τα ακόλουθα πρότυπα ή άλλα έγγραφα συμμόρφωσης:

EN 55032:2015+A1:2020

ETSI EN 301 489-17 V3.2.4 (2020-09)

ETSI EN 300 328 V2.2.2 (2019-07)

EN IEC 61000-3-2:2019+A1:2021

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EN 50663:2017

ETSI EN 301 489-1 V2.2.3 (2019-11)

EN IEC/IEEE 62209-1528:2021

ETSI EN 301 489-3 V2.3.2 (2023-01)

EN 50566:2017+A1:2023

Υπεύθυνος για τη δήλωση αυτή:

Sun Qiaoyun

Διευθυντής κανονιστικής συμμόρφωσης

Τόπος έκδοσης: Shenzhen, Κίνα

Ημερομηνία έκδοσης: 2025-5-26

