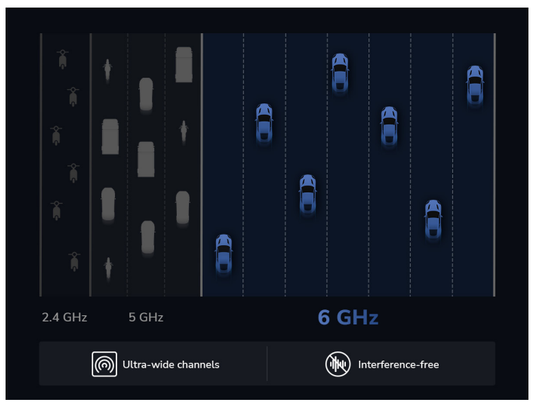
Model: WU5400

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

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

Datasheet



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	• Operating Temperature: 0 ℃ ~ 40 ℃ (32 ℉ ~104 ℉) • Storage Temperature: -40 ℃ ~ 70 ℃ (-40 ℉ ~ 158 ℉) • 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

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CE DECLARATION OF CONFORMITY

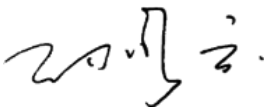
For the following equipment:
Product Name: AX5400 High Gain USB 3.0 Wi-Fi 6E Adapter
Model Number: WU5400
Trademark: Cudy

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

Person responsible for making this declaration:
Sun Qiaoyun
Regulatory Compliance Manager
Place of issue: Shenzhen, China
Date of issue: 2025-5-26



Shenzhen Cudy Technology Co., Ltd.
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www.cudy.com

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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

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

EN 61000-3-3:2013+A2:2021

EN 55035:2017+A11:2020

EN IEC 62368-1:2020+A11:2020

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

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

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

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

ETSI EN 301 893 V2.1.1 (2017-05)

ETSI EN 300 440 V2.2.1 (2018-07)

ETSI EN 303 687 V1.1.1 (2023-06)

EN 50663:2017

EN IEC/IEEE 62209-1528:2021

EN 50566:2017+A1:2023

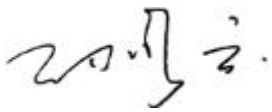
Υπεύθυνος για τη δήλωση αυτή:

Sun Qiaoyun

Διευθυντής κανονιστικής συμμόρφωσης

Τόπος έκδοσης: Shenzhen, Κίνα

Ημερομηνία έκδοσης: 2025-5-26



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