




Model: WU6500

BE6500 High Gain USB 3.0 Wi-Fi 7 Adapter

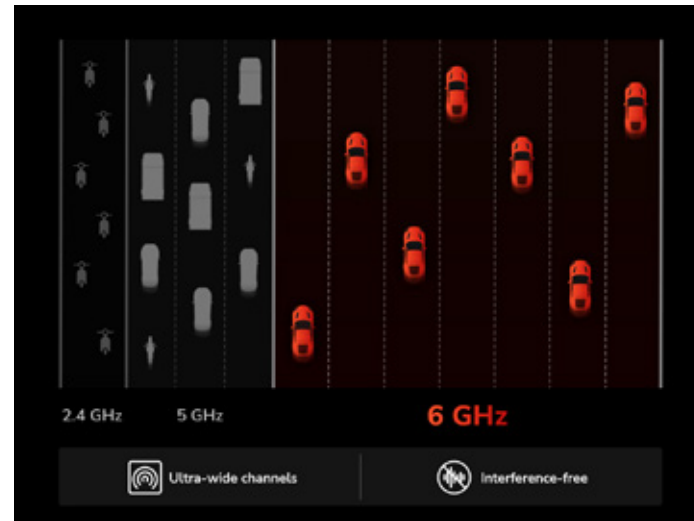
-  Tri-Band Wi-Fi 7
2.8 Gbps + 2.8 Gbps + 688 Mbps Wi-Fi *
-  High Gain Antennas
-  Plug & Play



Blazing Fast 6452 Mbps 6 GHz 2882 Mbps 5 GHz 2882 Mbps 2.4 GHz 688 Mbps	Wi-Fi 7	Boosted Coverage with High-Gain Antennas	USB 3.0 Ultra Fast Transfer Speeds
		Strong Compatibility Windows 10/11	Plug and Play Auto Installation



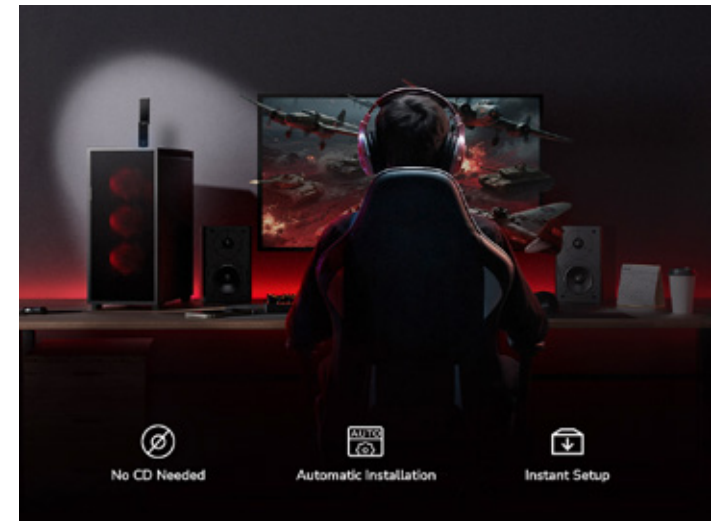
Unleash the Power of Tri-Band: Speed Without limits



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



High Gain Antennas: Total Signal Domination



Plug & Play: Instant Connectivity, Zero Hassle



Highlights

A high-gain Wi-Fi 7 USB adapter for equipping your PC with advanced tri-band Wi-Fi 7 connectivity. A USB 3.0 or higher port is required for full speed.

- Tri-Band Wi-Fi 7
- 2.8 Gbps + 2.8 Gbps + 688 Mbps Wi-Fi *
- USB 3.0 Lightning-Fast Data Transfer
- High Gain Antennas
- Plug-and-Play on Windows
- Driver free for Easy Installation

Package Content

- WU6500
- Installation Guide

Hardware Specs

Model Version	WU6500 1.0						
Wireless	6 GHz Wi-Fi Speed	2882 Mbps					
	5 GHz Wi-Fi Speed	2882 Mbps					
	2.4 GHz Wi-Fi Speed	688 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	<table border="1"> <tr> <td>Hardware Requirement</td> <td>Requires a USB 3.0 or higher standard USB port for full speed</td> </tr> <tr> <td>Compatible OS</td> <td>Windows 10/11 or later OS</td> </tr> <tr> <td>Driver Installation</td> <td>Auto driver installation on Windows 10/11. The 6 GHz Wi-Fi band is only supported on Windows 10 version 22H2 and later.</td> </tr> </table>	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
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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	25.2 g (0.89 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	80.0 g (2.82 oz.)
	Retail Package Dimension	90×25×150 mm
		3.54×0.98×5.91 inches
	Carton Net Weight	16.0 kg (35.27 lbs)
	Carton Gross Weight	17.1 kg (37.7 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	WU6500 1.0		
Wireless	Wi-Fi Standards	Wi-Fi 7	
	Max Wi-Fi Modulation	4K-QAM	
	Wi-Fi Efficiency		• MRU
			• Puncturing
			• 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)	

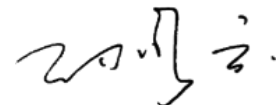
Person responsible for making this declaration:

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)
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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

