Model: WU650 2.0

AC650 Wi-Fi Nano USB Adapter



Datasheet

Highlights

A nano Wi-Fi adapter that's so small it's practically imperceptible. It's a great choice for upgrading PC networking with seamless dual-band connectivity.

- 433 Mbps + 200 Mbps WiFi
- 1× USB 2.0
- Works on Win7+/macOS 10.x/Linux
- 20×15×8mm 0.79×0.59×0.31''

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

See "Requirement / Compatible OS" in spec sheet for specific compatible OS version.

Package Content

- WU650
- Installation Guide

Hardware Specs

Model Version	WU650 2.0	
Wireless	5 GHz Wi-Fi Speed	433 Mbps
	2.4 GHz Wi-Fi Speed	200 Mbps
	5 GHz Wi-Fi Streams	1 Spatial Streams
	2.4 GHz Wi-Fi Streams	1 Spatial Streams
	Wi-Fi Antennas	1
Interfaces	Upstream Connection	USB-A
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 2.0 or higher standard USB port for full speed

Requirements	Compatible OS	• Windows XP/7/8/8.1/10/11 • macOS 10.5~10.13 • Linux Kernel 4.19 ~ 5.x
	Driver Installation	Auto driver installation on Windows 10/11. Manual driver installation for other OS.
Certifications	FCC, CE	
Mechanical	Dimension	20.75×15×7 mm 0.82×0.59×0.28 inches
	Product Weight	2.0 g (0.07 oz.)
Package Content	• WU650 • Installation Guide	
Ordering Information	Retail Package Weight	45.0 g (1.59 oz.)
	Retail Package Dimension	• Vx.0: 103×20×103 mm 4.06×0.79×4.06 inches • Vx.1: 58×20×91 mm 2.28×0.79×3.58 inches
	Carton Net Weight	13.7 kg (30.2 lbs)

Hardware Specs

Ordering Information	Carton Gross Weight	14.7 kg (32.41 lbs)
	Units per Carton	• Vx.0: 300 • Vx.1: 300
	Carton Dimension	• Vx.0: 53.7×33.2×45.2 cm 21.14×13.07×17.8 inches • Vx.1: 53.7×20.0×38.5 cm 21.14×7.87×15.16 inches

Software Specs

Model Version	WU650 2.0	
Wireless	Wi-Fi Standards	Wi-Fi 5
	Max Wi-Fi Modulation	256-QAM
	Wi-Fi Efficiency	MU-MIMO
	Wi-Fi Efficiency Note	MU-MIMO available on 5 GHz
	Wi-Fi Channel Width	Auto/20/40/80 MHz
	Wi-Fi Security	WPA/WPA2
Drivers	Automatic Installation for Windows 7 or later OS. Manual Installation for Linux and macOS. The driver is available in the download center.	