

GWU623

## Wireless-N USB 2.0 Adapter



IOGEAR's Wireless-N USB 2.0 Adapter allows you to connect your laptop or desktop to any Wireless-N networks in your home or office. The Wireless-N (802.11n) USB 2.0 Adapter is great for those who want to upgrade older computers to be able to access the internet over a Wireless-N network. At 5 times faster than traditional Wireless-G (802.11g) networks, Wireless-N networks allow for high speed data transfers, online gaming, and lightning fast downloads. The Wireless-N USB 2.0 Adapter gives you access to all the high-speed features of Wireless-N networks on older and newer computers. Its simple and easy setup means you'll be surfing the internet, downloading movies, and e-mail in no time.

\*Wireless Router not included

- 2 x 2 MIMO technology improves data throughput and range over existing 802.11b/g products
- Add high-speed Wireless-N (draft 802.11n) Internet access to any USB enabled computer
- Download music & movies, surf the internet and e-mail up to 5 times faster than previous generation wireless networks (Wireless 802.11g)
- Offers greater coverage than Wireless-G networks for internet access throughout your home or office
- Works with older Wireless-G and Wireless-B networks
- WiFi Protected Setup (WPS) simplifies setup and operation
- Operating distance of up to 300 feet indoor, and up to 900 feet in open space
- Data transfer rate of up to 300Mbps
- Supports USB 2.0 interface, backward compatible to USB 1.1 and 1.2
- Enhanced WEP and WPA wireless security for protected Internet access
- 64-bit / 128-bit WEP (Wired Equivalent Privacy), TKIP, AES 2.400GHz ISM
- Frequency Band Modulation Method: QPSK / BPSK / 16-QAM / 64-QAM
- Supports Ad Hoc and Infrastructure modes
- Supports IEEE 802.11e standard



## Requirements

- Operating System
  - Windows 2000, XP, Vista, 7 (32 & 64-bit)
- Available USB port

## Package Contents

- 1 x Wireless-N USB 2.0 Adapter
- 1 x USB extension cable
- 1 x Driver CD
- 1 x Quick Start Guide
- 1 x Warranty / Registration Card

## Specifications

Function	GWU623	Dimensions	GWU623
<b>Power Consumption</b>	Transmit : < 380mA. ; Receive: < 250mA.	<b>POP Information</b>	
<b>Operating Temperature</b>	0 ~ 50 celsius	10" Peg Hook	6
<b>Storage Temperature</b>	-10 ~ 70 celsius	6" Peg Hook	3
<b>Operating System Support</b>	Windows 2000, XP, Vista	Click Strip	4
<b>USB Specification</b>	USB 2.0	<b>Unit Dimensions</b>	
<b>Humidity</b>	5 ~ 90% (non-condensing)	Height	0.35 in (9 mm)
<b>Transmission Power</b>	17 dBm	Length	3.43 in (87 mm)
<b>Frequency Band</b>	2.4GHz ~ 2.483GHz unlicensed ISM band	Width	0.98 in (25 mm)
<b>Modulation</b>	IEEE 802.11n: BPSK, QPSK, 16-QAM, 64-QAM	<b>Unit Package Dimensions</b>	
<b>Data Rate</b>	IEEE 802.11n : 6, 9, 12, 18, 24, 36, 48, 54, 60, 90, 120, 180, 240, 270 and up to 300Mbps	Height	8.15 in (207 mm)
<b>Interface</b>	USB 2.0	Width	5.12 in (130 mm)
<b>Security</b>	64-bit or 128-bit WEP/WPA TKIP	Depth	2.09 in (53 mm)
<b>Management</b>	Windows-based Utility	<b>Master Carton</b>	
<b>Operating Range</b>	100 - 400m, depending on surrounding environment	Height	10 in ( 254 mm)
<b>Encryption</b>	64 bit / 128 bit WEP, TKIP, AES	Width	10.25 in (260.3mm)
<b>Antenna Type</b>	On board chip antenna	Depth	9 in (228.6 mm)
<b>Chipset</b>	AR9170+AR9102	Master Carton Qty.	6
<b>Range</b>	Indoor up to 320 ft, outdoor up to 918 ft.	<b>Weight</b>	
		Master Carton Wt.	2.2 lb (0.99Kg)
		Unit Pack Wt.	0.26lb (0.11kg)
		Unit Wt.	0.31 oz (9 g)