Wireless
USB 2.0 Adapter
WU830G

Share. Surf. Enjoy.

Add a USB-equipped device to your wireless network with Motorola's USB Adapter.

Instantly connect desktops or laptops to your wireless home or small office network with this 802.11g Adapter. It's a next-generation USB 2.0 Adapter that's backwards compatible with USB 1.1 technology.

BENEFITS:

- Offers 802.11g wireless connectivity
- Supports data rates of up to 54 Mbps — that's up to five times faster than the 802.11b standard[1]
- Automatically detects available wireless networks
- Operates at a 2.4GHz frequency range
- Backwards compatible with 802.11b equipment
- Robust design with integrated antenna assures a continuous network connection
- Wireless range of up to 328 ft (100 m) indoors/1312 ft (400 m) outdoors (distance depends on user environment)
- Free driver updates available over the Web
- 24/7 technical support available over the Web or via toll-free telephone number

FEATURES:

- Integrated USB 2.0 technology
- Compatible with USB 2.0 and USB 1.1 hardware
- Ad-Hoc mode to allow direct connection with other adapters for peer-to-peer file sharing
- Enhanced security featuring Wi-Fi® Protected Access (WPA)
- Legacy 64-bit and 128-bit Wired Equivalent Privacy (WEP) encryption
- Configure multiple wireless profiles to allow the convenience of moving between multiple wireless networks
- Easy-to-use Installation Wizard enables quick networking

WHAT'S INCLUDED:

- Wireless USB 2.0 Adapter
- Power adapter and cord
- USB 2.0 cable
- Quick Start Guide
- CD-ROM containing Installation Wizard and User Guide

SYSTEM REQUIREMENTS:

- Your PC must support one of the following: Microsoft® Windows® 98SE/Me/2000/XP Home or XP Professional for use of the Installation Wizard
- Available USB port
- CD-ROM drive on your PC

CONNECTEDMOTO

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intelligence everywhere™

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TECHNICAL SPECIFICATIONS

STANDARDS
IEEE 802.11g Wi-Fi® Certified, IEEE 802.11b Wi-Fi® Certified, WPA Certified, USB 2.0, USB 1.1, WHQL Approved for Windows® 98SE/Me/2000/XP

NETWORK PROTOCOLS
TCP/IP; UDP; DHCP; HTTP; TFTP

PORTS
Integrated USB 2.0 port, compatible with USB 2.0 and USB 1.1 hardware

WIRELESS DATA RATES[1]
1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps with auto-fallback support

MODULATION
CCK, DQPSK, DPBSK, OFDM

RANGE
Maximum range: outdoor 1312 feet (400m); indoor 328 feet (100m)

CHANNELS AND FREQUENCY RANGES
Operates at a 2.4GHz frequency range, as per regional channelization, including:
— North America: 11 channels
— Europe: 13 channels

WIRELESS SECURITY
WPA Certified, Legacy 64-bit and 128-bit WEP encryption

INDICATORS
Power LED
Link Status LED

WIRELESS TRANSMIT POWER
Maximum Transmit Power: +12.5 dBm

PHYSICAL DIMENSIONS
3.24'' (L) x 0.75'' (W) x 4.30'' (H)

WEIGHT
4 ounces

WARRANTY
Two-year limited warranty

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE
32˚ F to 104˚ F (0˚ C to 40˚ C)

STORAGE TEMPERATURE
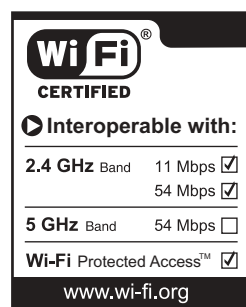-22˚ F to 176˚ F (-30˚ C to 80˚ C)

HUMIDITY
10% to 85% (non-condensing)

EMISSIONS
FCC Part 15 (Subpart B)

REGULATORY APPROVALS
FCC Class B, CE

Wi Fi®
CERTIFIED

▶ **Interoperable with:**

2.4 GHz Band	11 Mbps	☑
	54 Mbps	☑
5 GHz Band	54 Mbps	☐
Wi-Fi Protected Access™		☑

www.wi-fi.org

Designed for
Microsoft®
Windows®XP
Windows®2000
Windows®ME

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[1] **A Word About Data Rates:** Data rate is the speed at which individual bits of data flow through a channel. It is not the same speed at which entire files are uploaded or downloaded. These speeds will vary, and are often less than the maximum data rate. Upload and download speeds are affected by several factors including, but not limited to: the capacity of and the services offered by your cable operator or broadband service provider, channel capacity, network traffic, computer equipment, type of server, number of connections to server, and availability of Internet router(s).

To view our full line of Broadband Networking Products, visit our Web site at www.motorola.com/broadband/networking

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