

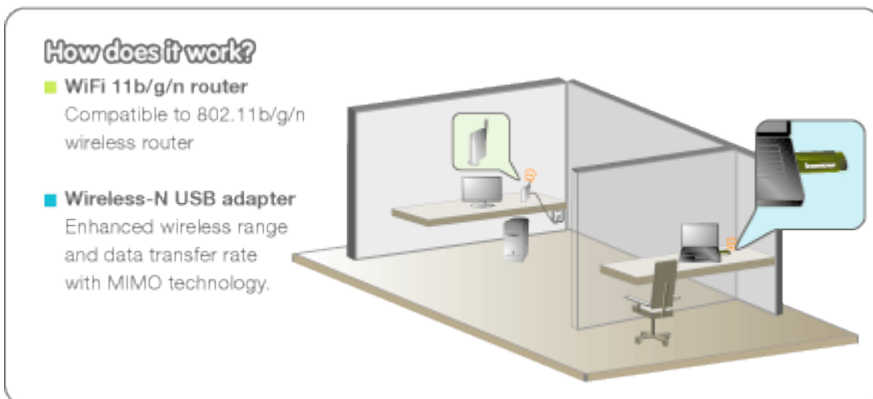
USB Wireless LAN 802.11N (1T1R) Model: EP-N8508



Description

EDUP'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 (802.11b) 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.



Features

- 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 150Mbps (downlink) and 150Mbps (uplink)
- 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

Specifications

Wireless Standards	IEEE 802.11n (draft) IEEE 802.11g IEEE 802.11b
Host Interface	High speed USB2.0/1.1 interface
Data Rate	802.11n: up to 150Mbps (downlink) and 150Mbps (uplink) 802.11g: 54 / 48 / 36 / 24 / 18/ 12 / 9 / 6 Mbps auto fallback 802.11b: 11 / 5.5 / 2 / 1 Mbps auto fallback
Frequency Band	2.4GHz ISM (Industrial Scientific Medical) Band
Chipset	Realtek8188CUS
RF Frequency	2412 ~ 2462 MHz (North America) 2412 ~ 2472 MHz (Europe) 2412 ~ 2484 MHz (Japan)
Radio Channel	1 ~ 14 channels (Universal Domain Selection)
Range Coverage	Up to 3 times farther range than 802.11g
Antenna type	Integrated Antenna
Roaming	Full mobility and seamless roaming from cell to cell
RF Output Power	13 ~17 dBm (Typical)
Modulation	11n: BPSK, QPSK, 16QAM, 64QAM with OFDM 11g: BPSK, QPSK, 16QAM, 64QAM, OFDM 11b: DQPSK, DBPSK, DSSS, CCK
Data Security	64/128-bit WEP Encryption WPA, WPA-PSK, WPA2, WPA2-PSK. TKIP/AES
Network	Auto-switch to use 802.11n or 802.11g or 802.11b mode Supports Ad-Hoc, Infrastructure WLAN network Wireless roaming Data rate auto fall-back under noisy environment or longer range distance Site Survey with Profile function

Configuration & Management	Plug-and-Play setup and installation Management Utility supports 2000 / XP/ Vista
Media Access Control	CSMA/CA with ACK
LED Indicator	Link/Active (Green)
Operating System	Windows 2000, XP 32/64-bit, Vista 32/64-bit, Linux and MAC OS X
Environment	Operating Temperature: 0oC to 40oC Storage Temperature: -20oC to 75oC Operating Humidity: 10% ~ 90% (Non Condensing) Storage Humidity: 5% ~ 95% (Non Condensing)
Compliant	FCC (USA) CE Mark (Europe) RoHS Compliant Wi-Fi Compliant

Requirements

- Operating System
Windows 2000, XP, Vista, Linux and MAC OS X
- Available USB 2.0 port

Package Content

- 1 x Wireless-N USB 2.0 Adapter
- 1 x Driver CD
- 1 x Quick Start Guide