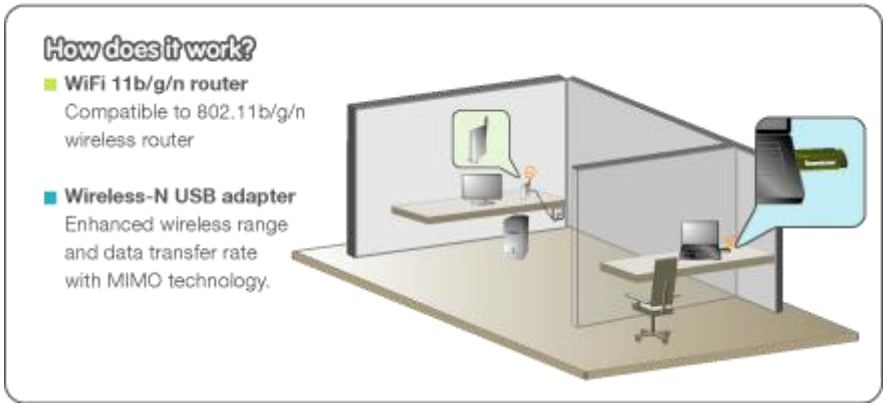
150Mbps Mini Wireless 802.11N USB Adapter

Model: EP-N8531

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

1. MIMO technology improves data throughput and range over existing 802.11b/g products
2. Add high-speed Wireless-N (draft 802.11n) Internet access to any USB enabled computer
3. Download music & movies, surf the internet and e-mail up to 5 times faster than previous generation wireless networks (Wireless 802.11g)
4. Offers greater coverage than Wireless-G networks for internet access throughout your home or office
5. Works with older Wireless-G and Wireless-B networks
6. Wi-Fi Protected Setup (WPS) simplifies setup and operation
7. Operating distance of up to 300 feet indoor, and up to 900 feet in open space
8. Data transfer rate of up to 150Mbps (downlink) and 150Mbps (uplink)
9. Supports USB 2.0 interface, backward compatible to USB 1.1 and 1.2
10. Enhanced WEP and WPA wireless security for protected Internet access
11. 64-bit / 128-bit WEP (Wired Equivalent Privacy), TKIP, AES 2.400GHz ISM
12. Frequency Band Modulation Method: QPSK / BPSK / 16-QAM / 64-QAM
13. Supports Ad Hoc and Infrastructure modes
14. 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	Ralink5370
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 &	Plug-and-Play setup and installation
Media Access Control	CSMA/CA with ACK
LED Indicator	Link/Active (Green)
Operating System	Windows 2000, XP, Vista,7 ,8,8.1,10 Linux and MAC OS
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