MANHATTAN
BRINGING COMPUTERS TO LIFE



Micro 150N Adapter

150 Mbps, 802.11b/g/n, USB 2.0 Low-Profile Wireless Network Adapter

Part No.: 525503

Easily Enhance Your PC Performance!

The Manhattan Micro 150N Adapter is an easy and elegant solution for upgrading the wireless capabilities of your netbook, laptop or desktop PC. With its small size and low-profile design, the Micro 150N installs into any open USB port on your computer and can stay connected to a netbook or laptop even when you put it in a bag or carrying case. Wireless N (802.11n) technology allows the Micro 150N to offer more range, signal strength and performance (up to 150 Mbps) than older Wireless G (802.11g). And, built-in Wi-Fi Multimedia (WMM) regulates bandwidth for faster file transfers and music downloads, as well as stutter-free HD video streaming, VoIP calls and online gaming.

Upgrade Your Wireless

You might not be aware of this, but many netbooks and laptops (especially ones that are more than two years old) don't have the latest in wireless networking technology as a standard feature. These netbooks and laptops use Wireless G that maxes out at speeds of 54 Mbps, but the Micro 150N Adapter quickly and easily upgrades the wireless capabilities of your PC, giving it link speeds of up to 150 Mbps*. Accelerated speeds will enhance how you watch streaming media, play online games and experience the Internet. Meanwhile, improved range and signal fidelity mean you will encounter fewer "dead spots" in your home or office**.

Quick, Easy Setup

The Micro 150N Adapter is super-easy to install and virtually becomes a part of your netbook, laptop or PC. It connects effortlessly to any available USB port, and the Manhattan Quick Setup Software walks you through the installation and configuring process. The sleek, low-profile design of the Micro 150N Adapter allows you to leave the adapter connected to a netbook or laptop even when on the go. Plus, for your safety and convenience the Micro 150N Adapter supports Wi-Fi Protected Setup (WPS) to easily secure your network connection, as well as WEP, WPA and WPA2 data encryption.

* Actual data throughput will vary. Network conditions and environmental factors — including volume of network traffic, building materials and construction, and network overhead — lower the actual data throughput rate.

** Environmental factors may adversely affect wireless signal range.

Features:

- Connects your netbook, laptop or desktop PC to a wireless network
- Fits discreetly into your netbook or laptop USB port
- Ideal for streaming HD-quality video, playing online games, downloading large files and making VoIP calls
- High transfer data rate – up to 150 Mbps
- Low-profile design allows you to leave the adapter connected to a netbook or laptop even when on the go
- Complies with IEEE 802.11b/g and is upward compatible with 802.11n
- Supports WMM (Wi-Fi Multimedia) for increased multimedia data throughput
- Easily secure your network connection with Wi-Fi Protected Setup (WPS)

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- Supports WEP (64/128 bit), WPA and WPA2 data encryption
- Supports the most popular operating systems: Windows XP, Vista and Windows 7/8
- Supports Hi-Speed USB 2.0/1.1 interface
- Supports Software AP function (turns your wireless client into a wireless access point)
- Three-Year Warranty

Specifications:

Standards
» IEEE 802.11b (11 Mbps Wireless LAN)
» IEEE 802.11g (54 Mbps Wireless LAN)
» IEEE 802.11e (QoS Enhancement WMM)
» Upward compatible to IEEE 802.11n (150 Mbps Wireless LAN)

General
» Interface: Hi-Speed USB 2.0
» Chipset: Realtek RTL8188CUS
» Frequency band: 2.4000 – 2.483 GHz (Industrial Scientific Medical Band)
» Modulation technologies:
- 802.11b: Direct Sequence Spread Spectrum (DSSS): DBPSK, DQPSK, CCK
- 802.11g: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
- 802.11n: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
» Security:
- 64/128-bit WEP data encryption
- WPA and WPA2
- Cisco CCX
» Transmit power:
- 150 Mbps, 14 dBm +/- 1.5 dBm
- 54 Mbps, 15 dBm +/- 1.5 dBm
- 11 Mbps, 17 dBm +/- 1.5 dBm
» Certification: FCC Class B, CE

LEDs
» Link/Activity

Environmental
» Dimensions: 7 (H) x 15 (W) x 17.4 (L) mm (0.27 x 0.6 x 0.66 in.)
» Weight: 0.15 kg (0.33 lbs.)
» Operating temperature: 0 – 40°C (32 – 104°F)
» Operating humidity: 10 – 90% RH, non-condensing
» Storage temperature: -20 – 60°C (-4 – 149°F)

System Requirements
» Windows XP/Vista and Windows 7/8
» Available Hi-Speed USB 2.0 port

Package Contents
» Micro 150N Adapter
» Quick installation guide
» Setup CD and user manual






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