ENCORE® ELECTRONICS

WIRELESS N150 USB MINI ADAPTER
ENUWI-1XN4M

INTRODUCTION

COMPLY WITH 802.11N STANDARDS
ENUWI-1XN4M equipping printed antenna, this wireless 11n USB adapter provides you mobility and high speed of wireless connection. It complies with standards IEEE 802.11n with data rate up to 150 Mbps, and IEEE 802.11b/g with maximum data rate of 54 Mbps. It can also interoperate with all the 11 Mbps wireless (802.11b) products.

RELIABLE COVERAGE
ENUWI-1XN4M includes a convenient utility for scanning available networks and saving preferred networks that users usually connected with your wireless communications are protected by up to 128-bit encryption, keeping your data secure.

EASY INSTALLATION AND CONNECTION
Installation and use are further simplified by living up to USB's plug and play installation approach to connecting computer peripherals. You will no need to open the case of your computer, nor will you be required to set IRQ's. It represents the simplest way to connect your computer to an Ethernet based network. Also, this ENUWI-1XN4M USB Mini Adapter has a small shape and is light in weight. It is convenient to carry and place.

Features:

- Compatible with IEEE 802.11n. Provides wireless speed of up to 150 Mbps data rate
- Backward compatible with IEEE 802.11b and g standards for older wireless AP Routers and client devices

ENUWI-1XN4M Specification Sheet
www.encore-usa.com

- Come with internal printed antenna
- Support QoS Enhancement (WMM & WMM-PS Client mode)
- Support frame aggregation, channel management and co-existence
- Transmit Opportunity (TXOP) Short Inter-Frame Space (SIFS) bursting for higher multimedia bandwidth
- Lightweight for easy storage and mobility
- Support auto-installation and diagnostic utilities

Hardware Specifications:

Standard
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n

Physical Interface
- USB 2.0

Frequency Band
- 2.400 ~ 2.484 GHz

Operating Channels
- USA 11
- Europe 13
- Japan 14

Antenna
- Internal printed antenna

Diagnostic LED
- Not available

Support Operating Systems
- Windows$^®$ XP
- Windows$^®$ 7
- Windows Vista$^®$

Regulations / Certifications
- FCC, CE

Security
- 64/128-bits WEP Encryption
- WPA-PSK, WPA2-PSK, WPA, WPA2
- TKIP & AES Encryption
- QoS: Supports WMM, WMM-PS

Receive Sensitivity
- 150Mbps Typical -68dBm
- 54Mbps Typical -73dBm
- 11Mbps Typical -84dBm

Transmit Power
- 16dBm typically @ 802.11b
- 14dBm typically @ 802.11g
- 13dBm typically @ 802.11n

Wireless Range Coverage
- Indoor: Up to 30 meters
  (depends on environmental factor)
- Outdoor: Up to 100 meters
  (depends on environmental factor)

Operating Temperature
- 0°C ~ 40°C (32°~104°F)

Storage Temperature
- -20°C ~ 70°C (-4°~158°F)

Humidity
Operating:
10% ~ 90% RH, non-condensing
Storage:
5%~90% RH, non-condensing