



ENUWI-N3 802.11n Wireless USB Adapter

The Encore's **ENUWI-N3** Wireless USB adapter is a high performance 802.11n adapter, backward compatible with 802.11b and 802.11g as well as forward compatible with 802.11n Draft 3.0. With its smaller size it is more convenient to carry it around with your and helps reducing space clutters for your laptop as well as your desktop Mac or PC. Now, with one push of a button, the WPS™ sets up your wireless security with ease.

Adding an Encore's **ENUWI-N3** Wireless USB Adapter to your Notebook or Computer, it provides an excellent performance and cost-effective solution for doing media-centric activities such as streaming video, gaming, and enhances the QoS (WMM) or WiFi Multi Media without any reduction in performance. It extends 3 times network coverage and boosts 6 times transmission throughput than the existing 802.11g products. Advanced power management and low power consumption are among the features of the **ENUWI-N3** Wireless USB Adapter.

ENUWI-N3 Specification Sheet

16483 Old Valley Blvd. La Puente, CA 91744

Tel - (626) 336-4567 / Fax - (626) 336-2345

www.encore-usa.com

Features:

- Compatible with IEEE 802.11n Draft 2.0 Specifications, provides wireless speed up to 150 Mbps data rate
- Compatible with IEEE 802.11g high rate standard to provide wireless Ethernet speeds of up to 54 Mbps data rate
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Supports wireless data encryption with 64/128-bit WEP standard for security
- Supports WPS™, WPA-PSK, WPA2-PSK, WPA, WPA2 wireless securities
- Internal high performance printed antenna
- Drivers support Windows® XP and Windows Vista™ and Mac OSX
- Simple user setup & diagnostics utilities
- QoS - WMM (IEEE 802.11e) standard support
- Compliant with FCC, CE and RoHS

Hardware Specifications:

Standard

- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n Draft 2.0

Physical Interface

- USB 2.0 / 1.1

Transmission Rate

- 1, 2, 5.5, 6, 6.5, 9, 11, 12, 13, 13.5, 18, 19.5, 24, 26, 27, 36, 39, 40.5, 48, 52, 54, 58.5, 65, 81, 108, 121.5, 135Mbps (auto sense)

Receiver Sensitivity

- 135Mbps: Typical - 65dBm @ 10% PER
- 54Mbps: Typical - 68dBm @ 10% PER
- 11Mbps: Typical - 84dBm @ 8% PER

Security

- 64/128-bits WEP Encryption
- WPA-PSK, WPA2-PSK, WPA, WPA2
- WPS™ Button

Receive Sensitivity

- 2.412 ~ 2.472 GHz (IEEE802.11b)(1RX) <= -86dBm
- 2.412 ~ 2.472 GHz (IEEE802.11b)(1RX) <= -88dBm
- 2.412 ~ 2.472 GHz (IEEE802.11b)(1RX) <= -86dBm

Range Coverage

- Indoor: Up to 100 meters (depends on environmental factor)
- Outdoor: Up to 300 meters (depends on environmental factor)

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Modulation Schemes

- DBPSK/DQPSK/CCK/OFDM
(BPSK/QPSK/16-QAM/64-QAM)

Media Access Protocol

- CSMA/CA with ACK

Maximum Output Power

- 10.4 mW

Support Operating Systems

- Windows® XP
- Windows Vista®
- Apple® Mac OSX

Antenna

- Internal Printed antenna

Dimensions (L x W x H)

- 63 x 21 x 10.6 mm

Diagnostic LED's

- Activity

Operating Temperature

- 0 ~ 40 °C

Storage Temperature

- -10 ~ 70 °C

Humidity

10% ~ 95% RH, no condensation

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