

N_Max USB Wireless Adapter

Product Overview

The LevelOne WUA-0600 is a draft-n 2.0 Wireless USB adapter that enables desktop and notebook computers with high-speed wireless connectivity. The USB 2.0 interface adapter can be installed on a Windows 2000, XP or Vista system and includes a comprehensive management utility for easy configuration.

High-Speed Wireless Connectivity

The WUA-0600 N_Max Wireless USB Adapter supports wireless network connectivity at up to 270 Mbps. This adapter operates in the 2.4 GHz band and is fully backward compliant with 11b and 11g wireless network standards. It is easily installed on any USB port on a desktop or notebook computer.

Wireless Network Security

The LevelOne WUA-0600 incorporates an easy to use wireless network security interface. A one-touch set-up automatically connects the USB adapter to a WiFi Protected Setup compatible Access Point or Wireless Router. The N_Max Wireless USB adapter is compliant with WEP, WPA-PSK and WPA2-PSK security protocols.

Configuration Utility

An easy to use configuration utility, which contains WPS setting, network information and activity statistics is included with the WUA-0600. The utility is easily installed on any Windows 2000, Windows XP and Windows Vista notebook or desktop computer.



WUA-0600

Key Features

- High-speed 11n Wireless USB Adapter
- High-speed wireless connection up to 270 Mbps
- Support WEP, WPA-PSK, WPA2-PSK, WPA and WPA2 security
- Easy push-button WPS setup
- WMM (Wi-Fi Multimedia) Compliant
- Support Windows 2000, XP and Vista

Technical Specification

Device Interface

USB version 2.0 compliant

Radio Specifications

IEEE 802.11n (draft 2.0)

IEEE 802.11g

IEEE 802.11b

Antennas

Two internal antennas

Frequency

2.412 ~ 2.462 GHz North America

2.412 ~ 2.472 GHz Europe

Operating Channels

Europe (ETSI) 13 Channels

North America (FCC) 11 Channels

Gain and Impedance

0 ~ 1 dBi

50Ω

Rate Shifting

802.11b: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps

Draft 802.11n: up to 270 Mbps

TX Output Power (Typical)

802.11b 17.5 +/- 1 dBm

802.11g 14.5 +/- 1 dBm@54Mbps

Draft 802.11n 14.5 +/- 1 dBm

Rx Sensitivity (Typical)

-86 dBm @11 Mbps

-72 dBm @54 Mbps

-70 dBm @64-QAM, 20MHz channel spacing

-65 dBm @64-QAM, 40MHz channel spacing

Data Security

WEP, WPA-PSK, WPA2-PSK, WPA, WPA2

Operating Specifications

Temperature: -10°C ~ 50°C

Humidity: 5% ~ 90% (non-condensing)

LEDs: Link/Activity, WPS

Power Consumption

5V DC, 0.5A

Dimension

83.7mm x 32.1mm x 14.6mm

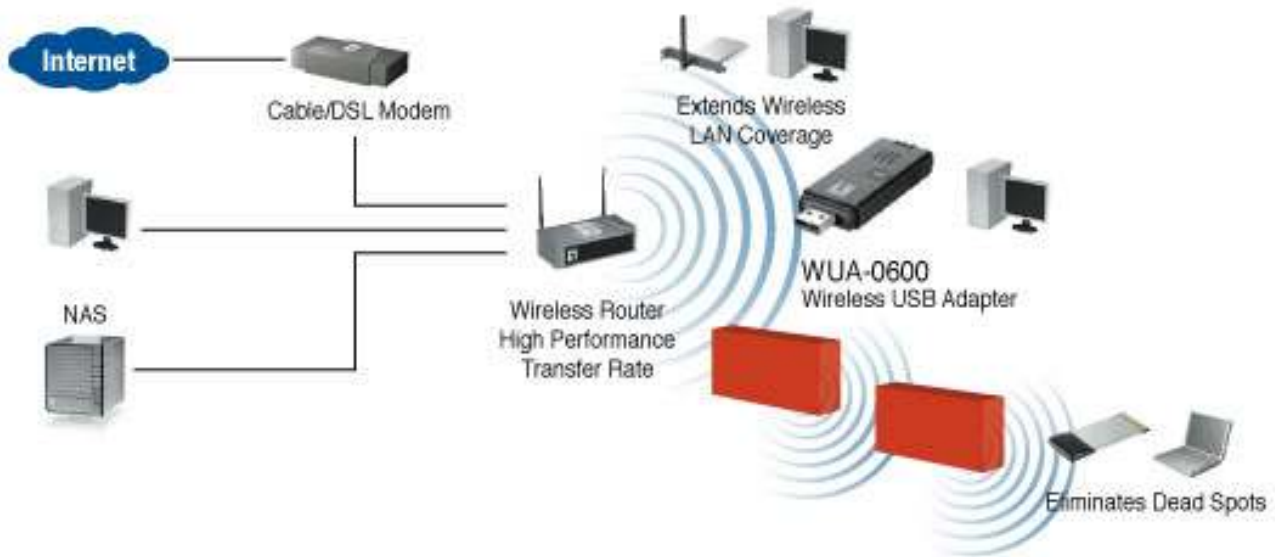
Operating System Support

Microsoft Windows XP/2000/Vista

Certification

FCC, CE, IC

Product Diagram



Order Information

WUA-0600: N_Max Wireless USB Adapter

Package Contents:

- WUA-0600 Wireless USB Adapter
- Cat.5 Cable
- Quick Installation Guide
- CD Manual