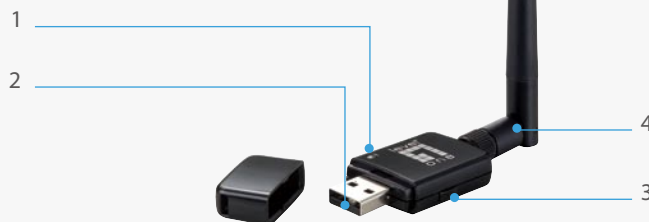# 150Mbps *N* Wireless
USB Adapter

WUA-0614

H/W Version: 1

The LevelOne WUA-0614 is a 802.11n N Wireless USB Adapter which is designed to be both affordable, and offer fast speeds of up to 150Mbps.

It is designed for the Home and SOHO user who needs enhanced range and performance, while the WPA2 wireless encryption ensures that the data transmitted is secured.

The detachable antenna also gives users the flexibility to add a higher gain antenna which allows for a customizable boost in performance.

1. Power/Link LED
2. USB Port
3. WiFi Protected Setup (WPS) Button
4. Detachable Antenna (2dBi)

1

2

4

3

Key Features

- High Speed Wireless Connection,
  Speeds Up to 150 Mbps
- Quick and Easy Installation
- Portable and Mini-Sized Design
- Supports 64/128-bit WEP ,WPA and WPA2 encryption
  for high level security
- Support Wi-Fi Protected Setup (WPS) Configuration

Works Well With

OAN-1070
7dBi Omni-directional Indoor Antenna

WBR-6002
150Mbps *N* Wireless Router

*Theoretical throughput, actual performance depends on equipment and network conditions.

Technical Specification

Standards
802.11n, IEEE 802.11g, IEEE 802.11b

Host Interface
USB Port Type: USB 2.0, 1.1

Radio Operation
Data Transfer Rate

802.11n: Up to 150Mbps (40Mhz)

802.11n: Up to 75Mbps (20Mhz)

802.11g: 54, 48, 36, 24, 18, 12, 9 and 6 Mbps

802.11b: 11, 5.5, 2 and 1 Mbps

Modulation

802.11n: BPSK, QPSK, 16-QAM, 64-QAM

802.11g: OFDM

802.11b: CCK, QPSK, BPSK

Media Access Control

CSMA/CA with ACK

Frequency Band

2.4GHz ~ 2.4835GHz

Number of Channels

Channel 1 ~ 11 North America (FCC)

Channel 1 ~ 13 Europe (ETSI)

Antenna

2dBi External Detachable Antenna (RP-SMA)

Transmitter Output Power (Typical)

802.11n: 14 ± 1dBm

802.11g: 15 ± 1dBm

802.11b: 17 ± 1dBm

Network Security
- WEP-64/128 bit

- WPA

- WPA2

- 802.1x RADIUS

- Supports WPS Configuration

Device Management
Windows Utility Software

OS Supported: Windows 2000 / XP / Vista 32bit / Vista 64bit

Physical Specifications
Temperature

Operating: 0°C ~ 50°C

Storage: -20°C ~ 70°C

Humidity

10% ~ 90% (non-condensing)
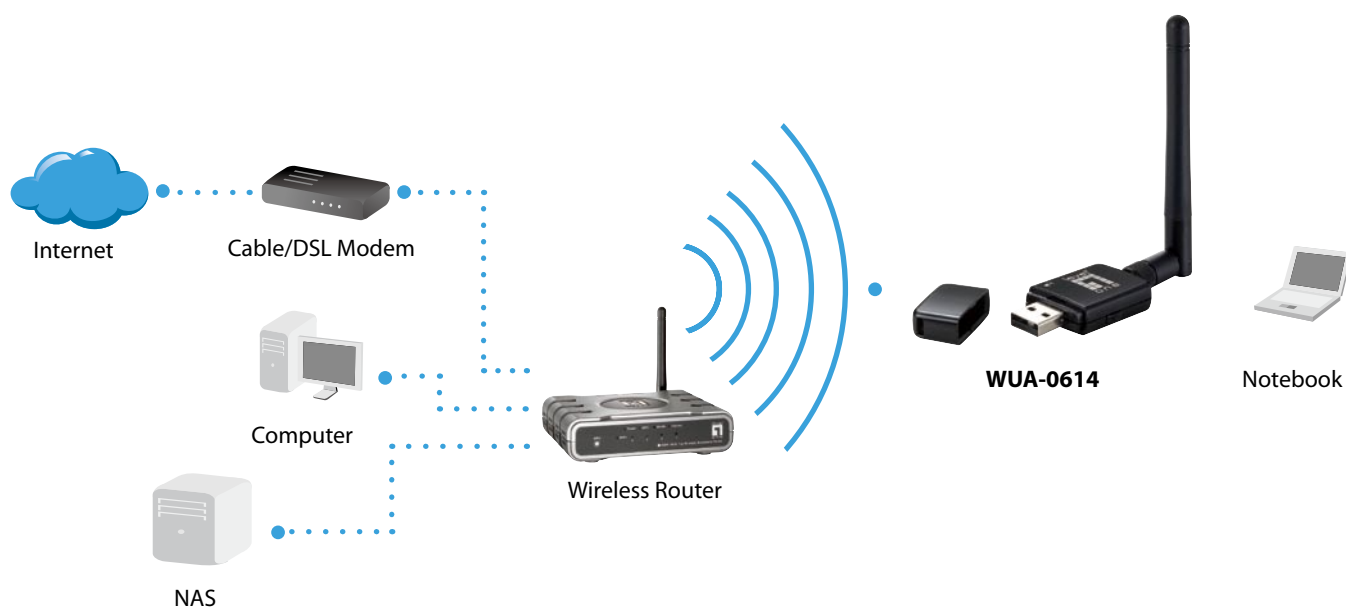
Power Requirement

DC 5V, 0.5A

Dimensions

48(L) x 26(W) x 10 mm(H)

Certifications
CE, FCC

Product Diagram

Internet

Cable/DSL Modem

Computer

NAS

Wireless Router

WUA-0614

Notebook

Order Information	**WUA-0614:** 150Mbps *N* Wireless USB Adapter
Package Contents	WUA-0614
	Antenna
	Quick Installation Guide
	CD Manual / Driver / Utility

Optional Accessories

SUS-1000
Small USB Stand

SUS-1003
Small USB Stand with
extension cable