



300Mbps *N_One* Wireless USB Adapter



WNC-0600USB

H/W Version: 2

LevelOne *N_One* Wireless Series

The *N_One* WNC-0600USB provides an extended wireless network coverage area and enables users to enjoy multi-media streaming and other bandwidth demanding applications such as VoIP, Internet video conferencing and network gaming at data rates up to 300 Mbps*.

Connect Wirelessly at Wire-speed

The *N_One* WNC-0600USB provides lightning-quick wireless speeds much faster than traditional 100Mbps LAN connections. Users can now enjoy the freedom of non-wired network connections at speeds faster than Ethernet cables. This device is compliant with the latest 802.11n standard, and is also backward

compatible with the 802.11g and 802.11b for seamless network integration.

Network Security

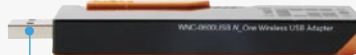
The WNC-0600USB *N_One* Wireless USB Adapter supports an array of standards and advanced network security features. It supports 64/128-bit WEP encryption as well as WPA and WPA2 security protocols for a safe and secure wireless network.

* Network speeds vary according to network equipment, network set-up and environmental influence factors. For best performance, use LevelOne *N_One* Wireless Broadband Router.

* For maximum wireless network performance, use the LevelOne WBR-6000 *N_One* Wireless Broadband Router



1



2

- 1. Power/Link LED
- 2. Sliding USB Connector

Key Features

- Enjoy simultaneous multi-media streaming, gaming, VoIP, Internet surfing and file transfer with LevelOne *N_One* Technology
- Experience superior Wireless connectivity at network speeds of up to 300Mbps
- Features advanced Wireless Network Security supporting WPA, WPA2 and 64/128-bit WEP Encryption
- Support Wi-Fi Protected Setup (WPS)
- Easy to install and configure with the included software and Windows Utility.
- Backward compliant with 802.11g and 802.11b Wireless standards
- Provides for extended network area connectivity over greater distances

Related Products



WNC-0600
300Mbps *N_One* Wireless PCI Card



WPC-0600
300Mbps *N_One* Wireless CardBus Adapter

Technical Specification

Standards

802.11n, IEEE 802.11g, IEEE 802.11b

Host Interface

USB Port Type: USB 2.0

Radio Operation

Data Transfer Rate

802.11n: Up to 300Mbps

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

Channel 1 ~ 13 Europe, Japan

Transmitter Output Power (Typical)

802.11n: 16.5 ± 2 dBm

802.11g: 13.5 ± 2 dBm

802.11b: 16 ± 2 dBm

Network Security

- WEP-64/128 bit

- WPA

- WPA-PSK

- WPA2

- WPA2-PSK

- Support WPS configuration

Device Management

Windows Utility Software

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

Physical Specifications

LED

Power/Link

Temperature

Operating: $0^{\circ}\text{C} \sim 55^{\circ}\text{C}$

Storage: $-20^{\circ}\text{C} \sim 80^{\circ}\text{C}$

Humidity

< 85% (non-condensing)

Power Requirement

DC $3.3\text{V} \pm 5\%$

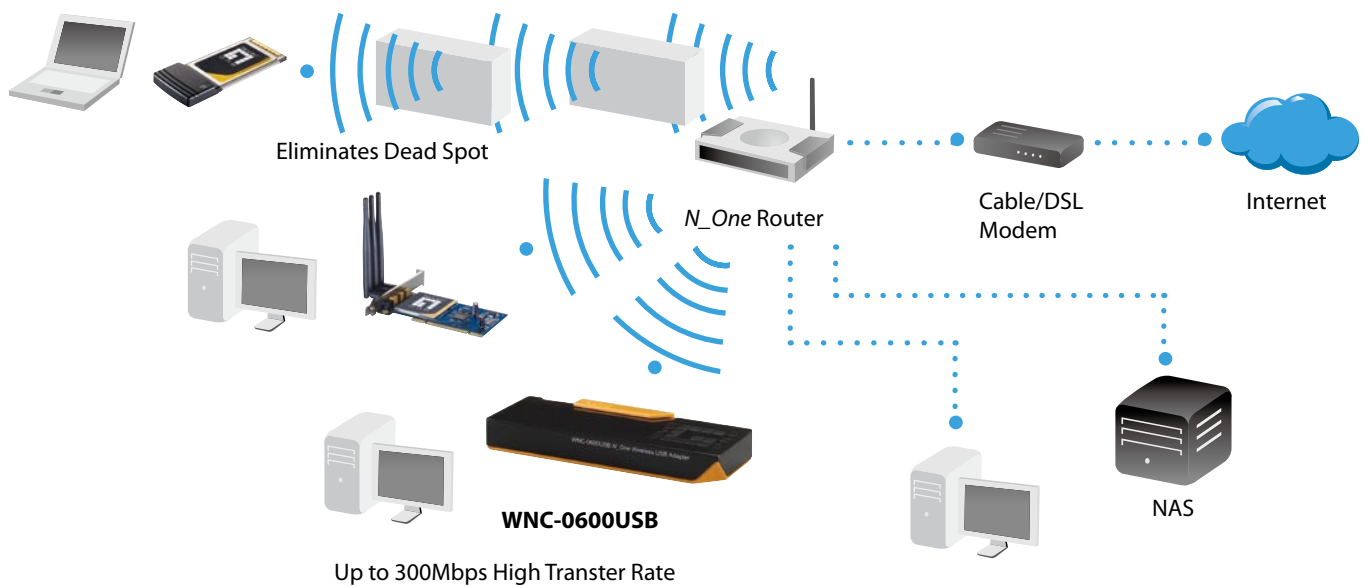
Dimensions

96mm(L) x 40mm(W) x 13mm(H)

Certifications

CE,FCC

Product Diagram



Order Information

WNC-0600USB: 300Mbps N_One Wireless USB Adapter

Package Contents

WNC-0600USB, Extension Cable, Quick Installation Guide, CD Manual/Driver/Utility

Option Accessories



SUS-1000
Small USB Stand



SUS-1003
Small USB Stand with
extension cable