



300Mbps *N_One* Wireless PCI Card



WNC-0600

H/W Version: 2

LevelOne *N_One* Wireless Series

N_One WNC-0600 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 300Mbps*.

Connect Wirelessly at Wire-speed

N_One WNC-0600 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

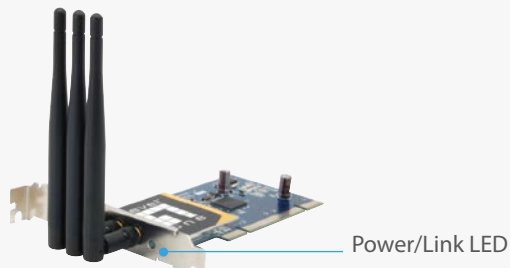
compatible with the 802.11g and 802.11b for seamless network integration.

Network Security

WNC-0600 *N_One* Wireless PCI Card 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



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-0600USB
300Mbps *N_One* Wireless USB Adapter



WBR-6000
300Mbps *N_One* Wireless Broadband Router

Technical Specification

Standards

802.11n, IEEE 802.11g, IEEE 802.11b

Host Interface

PCI Card Type: 32-bit PCI Card

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

Antenna

3x 5dBi external detachable dipole

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 (driver)/Vista 64bit (driver)

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

120mm(L) x 65mm(W) x 18mm(H)

Certifications

CE,FCC

Product Diagram



Order Information

WNC-0600: 300Mbps N_One Wireless PCI Card

Package Contents

WNC-0600, Antenna x 3, Quick Installation Guide, CD Manual/Driver/Utility