



## 300Mbps N\_Max Wireless PCI Card



WNC-0601

H/W Version: 2

### Fast Wireless Speeds

The LevelOne WNC-0601 Wireless PCI Card brings the fastest wireless speeds to your computer. Using the latest 802.11n technology, you enjoy top performance for gaming, multi-media streaming, digital home surveillance and VoIP.

### Wi-Fi Protected Setup

Do you have problems setting up your wireless security? Fear no more because the WNC-0601 Wireless PCI Card comes with built-in Wi-Fi Protected Setup (WPS). By simply clicking a button in the configuration menu you're able to setup a secure

wireless connection between your router and other wireless devices. And with WPA, WPA2 and WEP settings, you'll find the network security that is right for you.

### Long distances and easy installation

The WNC-0601 Wireless PCI Card operates on the 2.4 GHz spectrum. With long transmission distances for your wireless network, you're free to roam further than with previous 802.11g. LevelOne's simple setup and installation makes it easy for you to create your wireless network.



Power/Link LED

### Key Features

- 2 antennas with 1T/2R MIMO Technology for 150Mbps sending rate and 300Mbps receiving rate
- Enjoy simultaneous multi-media streaming, gaming, VoIP, Internet surfing and file transfer with LevelOne N\_Max 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
- Supports 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

### Works Well With



**WAP-6010**  
300Mbps N\_Max Wireless Access Point



**WBR-6001**  
300Mbps N\_Max 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

2x 2dBi external detachable dipole

#### Transmitter Output Power (Typical)

802.11n:  $16.5 \pm 2$ dBm

802.11g:  $13.5 \pm 2$ dBm

802.11b:  $16 \pm 2$ 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°C ~ 55°C

#### Humidity

< 85% (non-condensing)

#### Power Requirement

DC 3.3V  $\pm$  5%

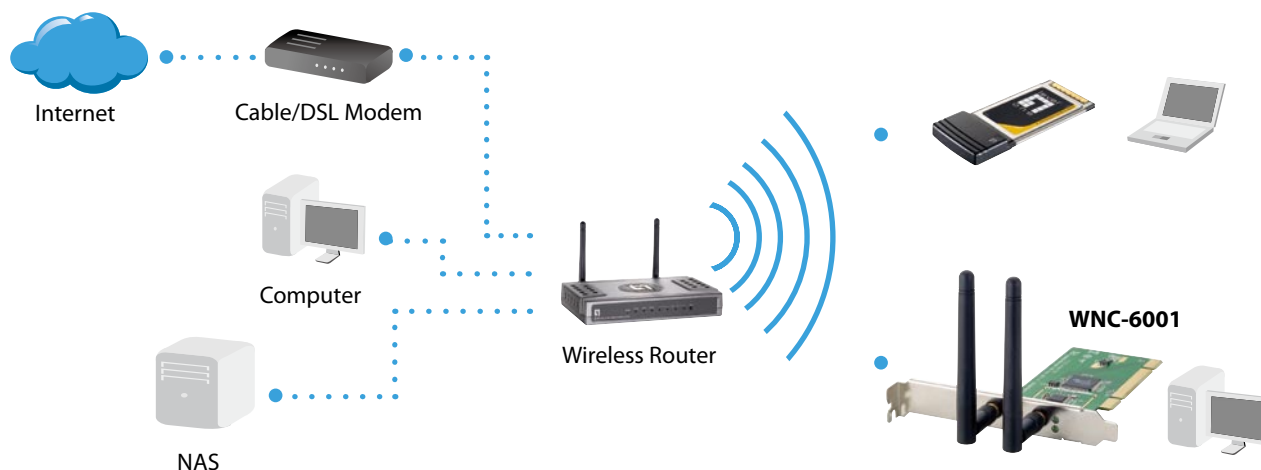
#### Dimensions

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

### Certifications

CE,FCC

## Product Diagram



## Order Information

**WNC-0601:** 300Mbps *N\_Max* Wireless PCI Card

## Package Contents

WNC-0601, Antenna x 2, Quick Installation Guide, CD Manual/Driver/Utility