



## 300Mbps Wireless PCI Card



WNC-0601

H/W Version: 3

### Product Overview

The LevelOne WNC-0601 300Mbps Wireless PCI Card is a Wireless PCI Adapter that brings the fastest wireless speeds to your computer. It complies with the latest 802.11n standard and provides MIMO technology for a large coverage. The detachable antenna design makes it possible to amplify the wireless coverage of WNC-0601 if the original antennas are upgraded.

### Wi-Fi Protected Setup

Do you have problems setting up your wireless security? The WNC-0601 Wireless PCI Card comes with built-in Wi-Fi Protected Setup (WPS). Simply click the

button in the configuration menu, and you are able to setup a secure wireless connection between your pc and other wireless devices. With WPA, WPA2 and WEP encryption you can protect your network.

### Long distances and easy installation

The WNC-0601 Wireless PCI Card operates on the 2.4GHz frequency. With long transmission distances for your wireless network, you can roam further than with previous 802.11g devices. The wizard makes the setup and installation of your wireless network easy and simple.



### Key Features

- High-Speed Wireless Transmission of up to 300Mbps
- Compliant with IEEE 802.11b/g/n wireless standards
- 2T2R MIMO technology increases signal strength and transmission range
- Easy to install and configure with Windows Utility
- Features Wireless Network Security with WPA, WPA2 and 64/128-bit WEP encryption
- Detects wireless networks and changes transmission rate automatically
- Supports Wi-Fi Protected Setup (WPS) Configuration
- Supports Soft AP to establish a wireless LAN quickly

### Works Well With



**WBR-6022**  
300Mbps Wireless HomeGuard22 Router



**WGR-6012**  
300Mbps Wireless Gigabit Router

## Technical Specification

### Standard Compliance

IEEE 802.11n, IEEE 802.11g, IEEE 802.11b

### Host interface

PCI Card Type: 32-bit PCI Card

### Radio

#### Antenna

2 x 2.2dBi detachable 2T2R antenna

#### Frequency Band

2.412GHz~2.484GHz

#### 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

#### Sensitivity

270Mbps: -70dBm@10% PER

130Mbps: -70dBm@10% PER

108Mbps: -70dBm@10% PER

54Mbps: -72dBm@10% PER

11Mbps: -87dBm@8% PER

6Mbps: -90dBm@10% PER

1Mbps: -92dBm@8% PER

#### Transmit Output Power (Typical)

802.11b: 18dBm

802.11g: 15dBm

802.11n: 14dBm

### 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/

Win7 32bit/ Win7 64bit

### Physical Specification

#### LED

Power/Link

#### Temperature

Operating Temperature: 0°C ~ 40°C

Storage Temperature: -40°C ~ 70°C

#### Humidity

Operating Humidity: 10% ~ 90% RH non-condensing

Storage Humidity: 5%~90% RH non-condensing

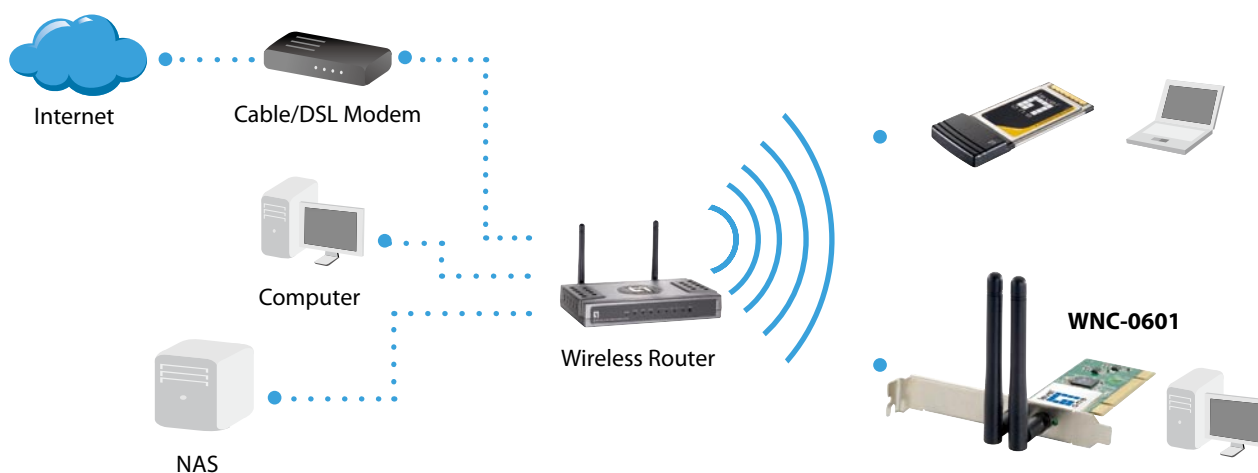
#### Dimensions

132.7mm(L)×80mm(W)×21.5mm(H)

### Certifications

CE, FCC

## Product Diagram



## Order Information

**WNC-0601:** 300Mbps Wireless PCI Card

## Package Contents

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