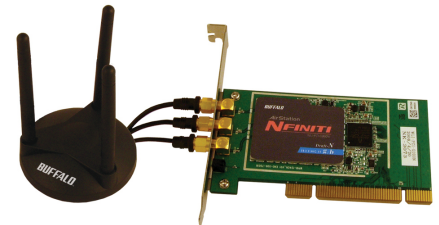


## Wireless-N Desktop PCI Adapter - WLI-PCI-G300N

Designed to 802.11n Draft 1.0 Specifications, Buffalo Nfiniti Wireless-N Desktop PCI Adapter provide sufficient bandwidth, range and reliability to stream High-Definition (HD) video, voice and music. The WLI-PCI-G300N includes external 2.4 GHz desktop base antenna with 2.5 ft. cable for flexible placement on or near your desktop. Support for AirStation One-Touch Secure System™ (AOSS™) allows you to set up a high-speed secure wireless network within minutes. Exceed wireless limits and enjoy the freedom of high-speed media streaming - wirelessly!



## Features and Benefits

- Designed to 802.11n Draft 1.0 Specifications
- Up to 12X Faster & 4X Greater Range than Standard 802.11g
- Fits any Desktop with an available 32-bit PCI Bus slot
- Includes External 2.4 GHz Desktop Base Antenna with 2.5 ft. Cable
- Great for High Speed Multimedia Streaming or Online Gaming
- Easy Setup with AirStation One-Touch Secure System (AOSS™)
- Supports WPA (TKIP, AES) and 128/64-bit WEP Security
- Backward Compatible with 802.11g and 802.11b
- For Best Performance, use with Buffalo Nfiniti Wireless-N Router

Product Class <i>Commonly Referred As</i>	Standard G <i>802.11g, 11g, 54</i>	Draft-N/Wireless-N <i>270, 300, Nfiniti, Next Generation</i>
<b>Great for:</b>		
Web Surfing	•	•
Light File Sharing	•	•
Small Homes / Apartments	•	•
Medium File Sharing		•
Streaming Music		•
Viewing Digital Images		•
Watching Videos		•
Internet Gaming		•
Larger Homes		•

## Designed to Stream

- High Definition (HD) Video
- Music
- Photos
- Movies
- Voice Calls (VoIP)
- Data



## Easy and Secure Wireless Setup with AOSS



- Push the AOSS button on the Router
- Click on the AOSS icon in the Client Manager
- DONE! A secure wireless connection is automatically established

## WLI-PCI-G300N

### Specifications



#### Wireless LAN Interface

Standard Compliance	Draft IEEE802.11n, IEEE802.11b, IEEE802.11g
Frequency Range (MHz)	2,412 - 2,462
Transmission Rate	Draft 802.11n: 300, 270, 243, 216, 162, 108, 81, 54, 27 (40MHz) 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 802.11b: 1, 2, 5.5, 11
Access Mode	Infrastructure Mode, Ad-hoc Mode
Interface	32-bit PCI Bus
Antenna Interface	RP-SMA x 3
Total Gain	2dBi
Wireless Security	WPA-PSK (TKIP, AES), 128/64-bit WEP,

#### Other

Dimensions (WxHxD in.)	4.7 x 2.5 x 0.4
Weight (oz.)	Main unit: 2.1 External Antenna: 6 oz
Operating Environment	32-131° F
OS Support	Windows® XP, Windows® 2000

\*300 Mbps is the maximum wireless signal rate derived from IEEE 802.11n draft standard 1.0 specifications. Actual data throughput and range will vary depending upon network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead.

## About Buffalo

[www.buffalotech.com](http://www.buffalotech.com)

Buffalo Technology (USA), Inc., based in Austin, Texas, is a leading global provider of award-winning networking, memory, storage and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative, solutions that have put the company at the forefront of infrastructure technology.