

## Wireless-N Desktop PCI Adapter



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 2.4GHz desktop base antenna with 0.7m 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!



Wireless-N Desktop PCI Adapter

## Key Specifications

- 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 2.4GHz desktop base antenna with 0.7m cable
- Great for high-speed multimedia streaming or online gaming
- Easy set-up 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	Standard G	Draft-N/Wireless-N
<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 Set-up 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

## SPECIFICATIONS

Wireless LAN Interface	
Standard Compliance	Draft IEEE802.11n, IEEE802.11b, IEEE802.11g
Frequency Range	2.412 - 2.462GHz
Transmission Rate	Draft IEEE802.11n: 300, 270, 243, 216, 162, 108, 81, 54, 27Mbps (40MHz) IEEE802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps IEEE802.11b: 1, 2, 5.5, 11Mbps
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)	120 x 63 x 10mm
Weight	Main unit: 60g - External Antenna: 170g
Operating Environment	0-55°C
OS Support	Windows <sup>®</sup> XP, Windows <sup>®</sup> 2000

**Product Part Number**

WLI-PCI-G300N



\*270Mbps 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**

Buffalo Technology UK Ltd. is a leading global provider of award-winning storage, networking, memory, 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.

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