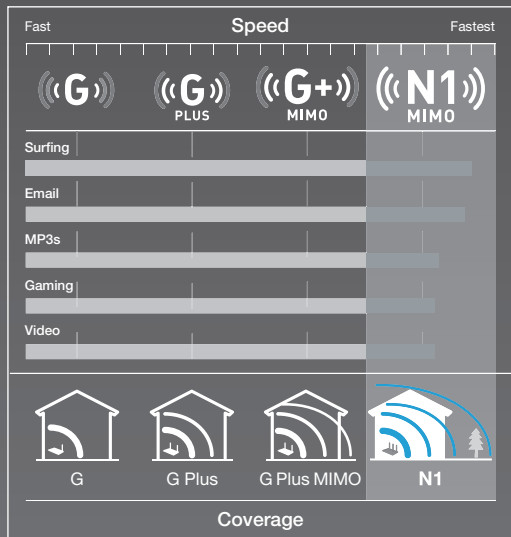


HIGH Performance



Share your broadband Internet connection

What is N1 Wireless?

Based on the 802.11n draft, N1 Wireless enables multiple receivers and transmitters to send and receive data through the air, using Intelligent MIMO (Multiple Input Multiple Output) spatial multiplexing techniques. This smart-antenna technology builds upon the widely deployed 802.11g standard by increasing speed, coverage, and reliability of wireless systems. Providing greater range and faster speeds, N1 Wireless offers a quick and efficient way for people to distribute video, music, photos, and files among the networked computers in their homes.

Share your Internet connection and simultaneously:

- Stream HD video
- Listen to digital music
- Play online games
- Transfer photos and home videos
- Shop online and surf the Web
- Email and chat
- Handle multiple VoIP phone calls

Network Status Display

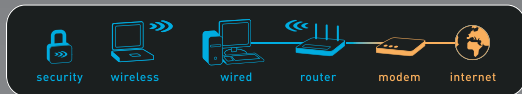
The Network Status Display shows the status of your network. The icons represent each component of your network and show you whether or not each device is working properly.

Blue = network devices are working properly



Wireless network is secure

Amber = indicated network device is not working properly



Shows you where to start troubleshooting your network

Call Us Now!
1-877-736-5771
Free 24/7 Tech Support

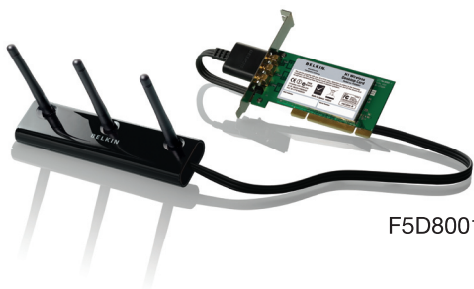
Lifetime Warranty

Compatible with:

**802.11b
802.11g
802.11n draft*****



F5D8231-4



F5D8001



F5D8011

Router Network Interface

Ethernet Ports

1 WAN (For connection to cable or DSL modem)
4 LAN auto-uplinking (For connection to local clients)

Router LED Indicators

Security, Wireless, Wired, Router, Modem, Internet

Operating System Support for Easy Install Software

Windows® 2000, XP, and Mac OS® X v10.3.9, v10.4.x

Notebook Card Host Interface

32-bit CardBus

Notebook Card LED Indicators

2 LEDs: Power, Link/Activity

Desktop Card Host Interface

32-bit PCI

Client Utility

Network List, Profile, Connection Link, Power Consumption, Security

Operating System Support

Windows 2000, XP

Router, Desktop Card, and Notebook Card Specifications

IP Sharing Method:	NAT (Network Address Translation)
Firewall:	NAT, SPI (Stateful Packet Inspection)
Clients:	Up to 253 total
Wireless Clients:	Up to 16 total
DHCP Server:	Supported
User Interface:	HTTP (Web Browser)
Wired Networking Standards:	WAN: IEEE 802.3, IEEE 802.3u, 10/100Base-Tx LAN: IEEE 802.3, IEEE 802.3u, 10/100Base-Tx
Protocols Supported:	TCP/IP, UDP, CSMA/CD, DHCP, AppleTalk®, IPX/SPX, NetBEUI
ISP Protocols Supported:	Static, Dynamic, PPPoE, PPTP
VPN Support:	PPTP/IPSec pass-through (Single)
Power Supply:	Input: 120VAC 60Hz Output: 12VDC 1A

Radio Specifications

Wireless Standard:	Draft IEEE 802.11n specification
Radio Technology:	DSSS (Direct Sequence Spread Spectrum), OFDM
Encryption:	64- or 128-bit WEP (Wired Equivalent Privacy), WPA (Wi-Fi Protected Access)
Security:	WPA/WPA2-Personal, 64-bit WEP, 128-bit encryption
Network Standards:	IEEE 802.3, IEEE 802.3u, 10/100Base-Tx
Media Access Protocol:	CSMA/CA (Collision Avoidance) with ACK
Frequency Band:	ISM Band, 2400-2483.5MHz
Antenna Type:	Triple dipole antenna
Output Power:	Low Data Rates: +20 dBm (100mW) High Data Rates: +17 dBm (50mW)
Modulation Type:	802.11g: OFDM: 64QAM, 16QAM, QPSK, BPSK, True MIMO, modulation 802.11b: DSSS: CCK, DQSK, DBSK
RF Channels:	11 Channels (U.S.)
Link Rate*:	Up to 300Mbps in 40MHz Channel Mode Up to 150Mbps in 20MHz Channel Mode

Quality of Service

Full support for draft 802.11e EDCA (Wi-Fi Multimedia Enhancements)
Hardware support for draft 802.11e HCF (Wi-Fi Scheduled Multimedia)
Up to 1,400 ft.**

Operating Range

Environmental Specifications

Operating:	0° ~ 55° C (32° ~ 131° F)	Humidity	10 ~ 85% non-condensing
Storage:	-20° ~ 70° C (-4° ~ 158° F)		5 ~ 95% non-condensing

Regulatory

FCC, CE, ICES, C-Tick

Warranty

Lifetime

Technical Support

Free, 24 hours a day, 7 days per week

*NOTE: The standard transmission rate—150Mbps and 300Mbps—is the physical data rate. Actual data throughput will be lower.

**Products were tested in an outdoor environment. Actual speed and distance will vary depending on interference, network traffic, building materials, and other conditions. Range and speed is determined using a Belkin N1 Wireless Router (F5D8231-4) and an N1 Wireless Notebook Card (F5D8011) or N1 Wireless Desktop Card (F5D8001).

***Belkin N1 Products: N1 Wireless Router (F5D8231-4), N1 Wireless Notebook Card (F5D8011), N1 Wireless Desktop Card (F5D8001) are compliant to the IEEE 802.11n draft specification. Although Belkin incorporates all mandatory elements of the IEEE 802.11n draft specification and designs the software to be upgradeable once the standard is finalized, Belkin cannot guarantee upgradeability.

Part Number	Description	Unit Weight	Case-Pack UPC	Case-Pack Dimensions	Case-Pack Weight
F5D8231-4	N1 Wireless Router	3.1 lbs.	10722868592646	11.9" x 10.5" x 8.8"	6.9 lbs.
F5D8001	N1 Desktop Card	0.5 lbs.	7-22868-59266-3	8.6" x 6" x 2"	0.5 lbs.
F5D8011	N1 Notebook Card	0.5 lbs.	10722868592653	9.3" x 6.7" x 9.1"	3.1 lbs.