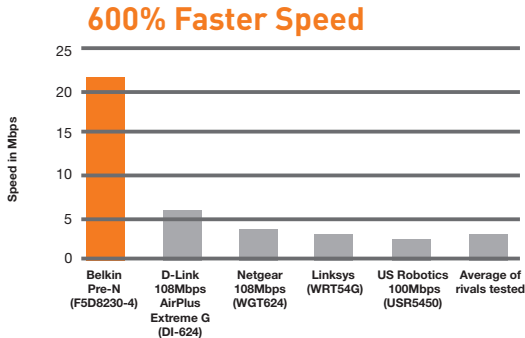
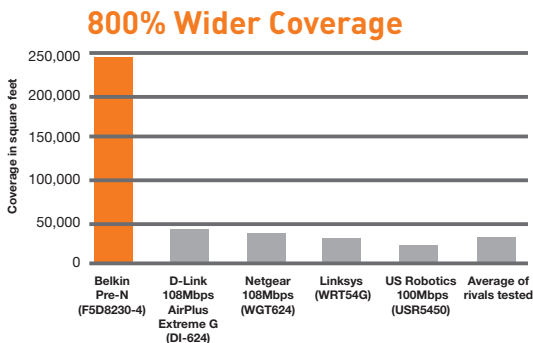


WIDER COVERAGE

Compare the Belkin Wireless Pre-N Router to the Competition*



Source: The Tolly Group, July 2004. The Tolly Group is an independent source for IT product certification, research, and testing.

* The results shown here were achieved using a Belkin Pre-N Router and a Pre-N Notebook Card. Tests were performed by an independent testing facility, individual results may vary depending on the environment in which these products are used.

How we do it

Belkin's new wireless products are based on Airgo Networks' True MIMO (Multiple Input, Multiple Output) antenna and chipset design. True MIMO is a smart radio technology that increases speed, coverage, and reliability for wireless systems. Its design helps combat distortion and interference so the Router can send its data streams farther and more reliably.



PRE N
802.11g + 2.4GHz
800%
WIDER Coverage than standard 802.11g
True MIMO™
600% FASTER than standard 802.11g

Share your broadband Internet connection farther and faster than ever

Benefits

Provides 800% greater coverage than standard 802.11g

Belkin Pre-N delivers the industry's best wireless coverage, extending your range with improved reliability and fewer drops.

Provides 600% greater speeds than standard 802.11g

Belkin Pre-N ensures the industry's fastest wireless connection for gaming, streaming video, Voice over IP (VoIP), and moving large files efficiently and quickly among all the devices in your networked home.

Improves performance of standard 802.11g and 802.11b networking devices

A Belkin Pre-N Router or Card used with an older 802.11g or 802.11b networking product increases wireless coverage up to 20%.

Improves resistance to wireless interference

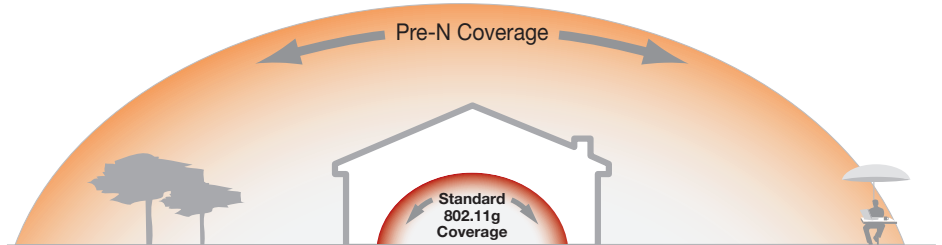
Belkin Pre-N products sense potential interference and dynamically shift to the clearest wireless channel available.

Delivers higher networking speed in a mixed-mode environment

If a standard 802.11g or 802.11b device is introduced into a Belkin Pre-N network, the Belkin Pre-N product **will not drop** to the standard 802.11g or 802.11b speeds. Belkin Pre-N products will continue to transmit at a link rate of 108Mbps, a result competing products cannot achieve.

Provides advanced security

Wi-Fi® Protected Access (WPA) support provides enhanced encryption protecting your wireless network.



Lifetime Warranty

Free 24/7 Tech Support
1-877-736-5771
Networking Questions? Call Now!

Easy Install Wizard
Sets up in 3 minutes



Check out other networking solutions



Wireless G USB Network Adapter (F5D7050)



Wireless G USB Print Server (F1UP0001)



Wireless G Ethernet Adapter (F5D7330)

Router Network Interface

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

Router LED Indicators

Power, LAN Link, Activity, WAN Link, Link Speed, Connected

Operating System Support for Easy Install Software

Windows® 98SE, Me, 2000, XP, Mac OS® 9.X, X

Notebook Network Card Host Interface

32-bit CardBus

Desktop Network Card Host Interface

32-bit PCI

Network Card LED Indicators

2 LEDs: Activity, Link

Client Utility

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

Operating System Support

Windows 2000, XP

Router and Network Card Specifications

IP Sharing Method: NAT (Network Address Translations)
Firewall: NAT (Network Address Translations)
SPI (Stateful Packet Inspection)
Clients: Up to 253 total
Wireless Clients: Up to 25 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
TCP/IP, UDP, CSMA/CD, DHCP, AppleTalk®, IPX/SPX, NetBEUI
Protocols Supported: Static
ISP Protocols Supported: Dynamic
PPPoE
PPTP
VPN Support: PPTP/IPSec Pass-Through (Single)
Power Supply: Input: 100-110V ~ 0.4A, 50-60Hz
Output: 12V ~ 1A

Radio Specifications

Wireless Standard: 802.11b/802.11g (Wi-Fi Certified)
Radio Technology: DSSS (Direct Sequence Spread Spectrum), OFDM
64- or 128-bit WEP (Wired Equivalent Privacy), WPA
Encryption: WPA with TKIP & AES, 64-bit WEP, 128-bit Encryption
Security: IEEE 802.3, IEEE 802.3u, 10/100 Base-Tx
Network Standards: CSMA/CA (Collision Avoidance) with ACK
Media Access Protocol: ISM Band, 2400-2483.5MHz
Frequency Band: Triple dipole antenna
Antenna Type: Low Data Rates: +20 dBm (100mW)
Output Power: High Data Rates: +17 dBm (50mW)
Modulation Type: 802.11g: OFDM: (64QAM, 16QAM, QPSK, BPSK, True MIMO, modulation)
802.11b: Direct Sequence Spread Spectrum (CCK, DQSK, DBSK)
RF Channels: 11 Channels (US)
Data Rates Supported: MIMO: 72, 96, 108Mbps
802.11g: 6, 9, 12, 18, 24, 36, 48 & 54Mbps
802.11b: 1, 2, 5.5 & 11Mbps

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)

Operating Range (Feet/Meters)* 300 ft. (91.44m)

*Distance and connection speeds will vary depending on your networking environment.

Environmental Specifications

Operating: Temperature 32-131 degrees F (0-55 degrees C) Humidity Max. 95% (non-condensing)
Storage: -13-155 degrees F (-25-70 degrees C) Max. 95% (non-condensing)

Regulatory

FCC, CE, ICES, C-Tick

Warranty

Lifetime

Technical Support

Free, 24 hours a day, 7 days per week

Part Number	Description	Unit UPC	Unit Dimensions	Unit Weight	Casepack UPC	Casepack Dimensions	Casepack Weight
F5D8230-4	Wireless Pre-N Router	7-22868-47067-1	10" x 4.5" x 10"	3.5 lbs.	10722868470678	9.5" x 13" x 10.5"	7.6 lbs.
F5D8010	Wireless Pre-N Notebook Network Card	7-22868-53365-9	9.25" x 2" x 6"	1.35 lbs.	10722868533656	6.5" x 9.75" x 8.5"	6.9 lbs.
F5D8000	Wireless Pre-N Desktop Network Card	7-22868-54087-9	9.3" x 6.2" x 2.1"	.75 lb.	10722868540876	10.3" x 4.9" x 7.5"	4.55