

BELKIN®

N1 Wireless Modem Router



Connect your wired and wireless desktop computers and notebooks to your Belkin Wireless N1 Modem Router to share your broadband Internet access. The Modem Router also lets your computers quickly and efficiently exchange documents, share resources, and distribute large video and music files throughout your network at a link rate of up to 300Mbps.*** Our advanced security protects both your wireless and wired computers from hackers and intruders. You can add up to 32 computers to your wireless network with additional notebook and desktop adapters. For maximum wireless performance, use the Belkin N1 Router with N1 Notebook and Desktop Cards connecting your client computers.

Share your broadband ADSL connection wirelessly 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

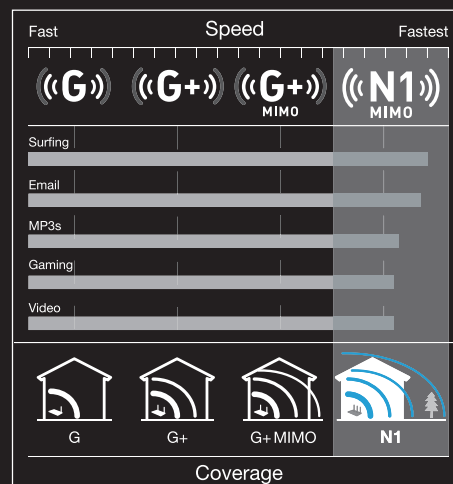
What is N1 Wireless?

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.

Network Security

Belkin has included best-in-class security features in this wireless networking product: Wi-Fi Protected Access (WPA2) provides enhanced encryption, while Media Access Control (MAC) address filters ensure that you can define which computer gains access to your network. Stateful Packet Inspection (SPI) and Network Address Translation (NAT) double your Firewall and safeguard your network from Internet intruders.

HIGH PERFORMANCE



Check out our other N1 networking solutions



N1 Wireless Notebook Card (F5D8011uk)



N1 Wireless Desktop Card (F5D8001uk)



N1 Wireless USB Adapter (F5D8051uk)



N1 Wireless Router (F5D8231uk4)

Package Includes

N1 Wireless Modem Router
 ADSL Filter
 (if not supplied by local ISP)
 Quick Installation Guide
 User Manual on CD
 Registration Card
 RJ11 Phone Cord
 RJ45 Ethernet Networking Cable
 Power Supply

System Requirements

Broadband Internet connection with RJ45 (Ethernet) connection
 At least one computer with an installed network interface card
 TCP/IP networking protocol installed on each computer
 Internet browser
 Setup Assistant

Software Requirements

(not required to use Router)
 A computer running Windows® 2000 or XP
 Minimum 4MB of RAM
 Internet browser

Specifications

Standards
 IEEE 802.11g
 IEEE 802.11b
 IEEE 802.11n draft*

Operating Range

Up to 425 m**

*Belkin N1 Products: N1 Wireless Router (F5D8231-4), N1 Wireless Notebook Card (F5D8011), and 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.

Security

WPA, WPA2, WEP 64-bit & 128-bit, Double Firewalls: NAT and SPI, MAC Address Filtering, Security Log

LAN Protocols Supported

TCP/IP, UDP, CSMA/CD, DHCP, AppleTalk, NetBEUI

ADSL Protocol Supported

PPPoE (PPP over Ethernet)
 PPPoA (PPP over ATM)
 Dynamic IP (1483 Bridge)
 Static IP (IPoA)

VPN Support

PPTP, L2TP, PPTP/L2TP
 VPN pass-thru
 One tunnel to each VPN server

Management

Password protected browser-based

Maximum Users:

253 (LAN) 32 (WLAN)

Ports

ADSL port: 1 x RJ11
 LAN port: 4 x RJ45
 Power: 1 x DC input jack
 Reset: 1 x reset button

LEDs

Security, Wireless, Wired, Modem Router, ADSL and Internet

Link Rate***

Up to 300Mbps in 40MHz Channel Mode

**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).

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



Part Number	Description	UPC
F5D8631uk4A	N1 Wireless Modem Router	7 22868 59630 2

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