



ALL-IN-ONE ADSL2+ MODEM ROUTER

HIGH-SPEED INTERNET

Support for the latest ADSL2/2+ standards provide Internet transmission of up to 24 Mbps downstream, 1 Mbps upstream

COMPATIBLE WITH WIRELESS N DEVICES

Embedded Wireless N 150 technology for high-speed wireless connection and complete compatibility with 802.11b/g wireless devices

TOTAL SECURITY & QoS

Firewall protection, user access control, WPA/WPA2 wireless security, and priority queues for smooth VoIP multimedia



HIGH-SPEED INTERNET

The All-In-One ADSL2+ Modem Router is a versatile, high-performance remote router for home and the small office. With integrated ADSL2/2+ supporting up to 24 Mbps download speeds, firewall protection, Quality of Service (QoS), 802.11n wireless LAN, backward compatibility with existing 802.11b and 802.11g wireless equipment, and four Ethernet switch ports, this router provides all the functions that a home or small office needs to establish a secure and high-speed remote link to the outside world.

ULTIMATE WIRELESS CONNECTION

The All-In-One ADSL2+ Modem Router provides wireless speeds that are many times faster than 802.11g. Maximize wireless performance by connecting this router to computers equipped with wireless N and stay connected anywhere at home or in the office. The DSL-2641B supports WPA/WPA2 and WEP data encryption methods for flexible user access security.

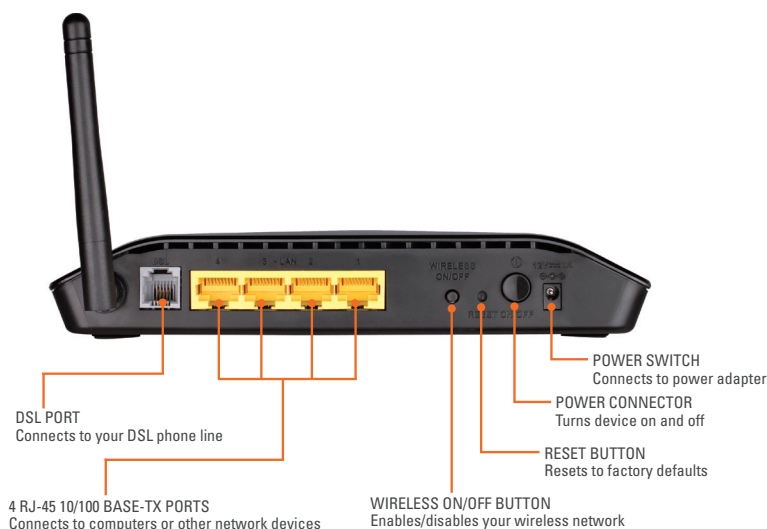
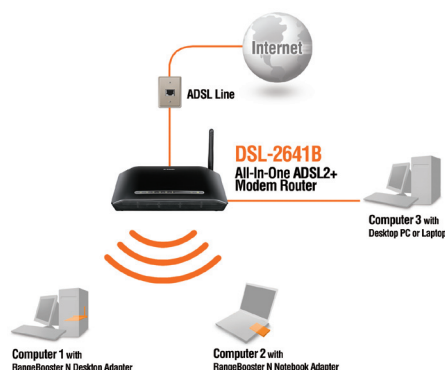
FIREWALL PROTECTION & QoS

Security features prevent unauthorized access to your home and office network from wireless devices or from the Internet. The All-In-One ADSL2+ Modem Router provides firewall security, such as Stateful Packet Inspection (SPI) and hacker attack logging. SPI inspects the contents of incoming packets before they are allowed in, while hacker logging helps to protect your network against Denial of Service (DoS) attacks. Quality of Service (QoS) supports priority queues to enable a group of home or office users to experience the benefit of a smooth network connection without worrying about traffic congestion.

WHAT THIS PRODUCT DOES

The All-In-One ADSL2+ Router connects a group of users to the Internet, allowing multiple computers at home or the office to share an integrated high-speed ADSL2/2+ interface. It provides high-performance wireless access, four built-in Ethernet ports, firewall protection, and QoS for smooth and secure upload and download of photos, files, music, video, and e-mail over the Internet.

YOUR NETWORK SETUP



TECHNICAL SPECIFICATIONS

DEVICE INTERFACES

- RJ-11 ADSL port
- Four 10/100BASE-TX MDI/MDIX RJ-45 ports
- 802.11n 150 WLAN

WIRELESS LAN

- 802.11b/g standards, compatible with 802.11n devices
- Wireless speed: up to 54 Mbps, up to 150 Mbps when connected to 802.11n devices²
- Frequency range: 2.4 GHz to 2.484 GHz
- 64/128 bit WEP data encryption
- WPA/WPA2 (personal/enterprise) security
- 802.1x RADIUS¹
- WPS (Wi-Fi Protected Setup)
- Multiple SSID¹
- 802.11e Wireless QoS (WMM/WME)¹
- MAC address-based access control

ANTENNAS

- Non-detachable antenna

WIRELESS TRANSMISSION POWER³

- 17.5dBm +/- 2dBm

ADSL STANDARDS

- ADSL standards: Multi-mode, ANSI T1.413 Issue 2, ITU G.992.1 (G.dmt) Annex B, ITU G.994.1 (G.hs) Annex B
- ADSL2 standards: ITU G.992.3 (G.dmt.bis) Annex B, ITU G.992.4 (G.lite.bis) Annex B
- ADSL2+ standards: ITU G.992.5 Annex B

ADSL DATA RATES

- G.dmt: 8 Mbps downstream, 832 Kbps upstream
- G.lite: 1.5 Mbps downstream, 512 Kbps upstream
- ADSL2: 12 Mbps downstream, 1 Mbps upstream
- ADSL2+: 24 Mbps downstream, 1 Mbps upstream

ATM & PPP PROTOCOLS

- ATM Forum UNI3.1/4.0 PVC (up to 16PVCs)¹
- ATM Adaptation Layer Type 5 (AAL5)
- ATM QoS (Traffic Shaping)¹
- Bridged or routed Ethernet encapsulation
- VC and LLC based multiplexing
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)
- ITU-T I.610 OAM F4/F5

NETWORK PROTOCOLS

- WAN/LAN Switchable Port
- NAT (maximum 4096 NAT sessions)
- DHCP server/client/relay
- Static Routing, RIP v.1, v.2¹
- Universal Plug and Play (UPnP) Compliant
- Dynamic Domain Name System (DDNS)
- Virtual Server
- SNTP, DNS proxy and IGMP proxy¹

FAST ADSL AND WIRELESS PERFORMANCE

Establish a fast ADSL connection with up to 24 Mbps downstream and 1 Mbps upstream. Watch TV, listen to live music and broadcasts on the Internet, and experience clear Internet phone calls. Built-in high-performance wireless LAN means that you don't have to compromise high-speed ADSL transmission with wireless speed constraints. Now, smooth streaming multimedia and VoIP voice are possible anywhere at home and in the office, without the need to hook up any network cables.

FIREWALL/ACCESS SECURITY

- Built-in NAT firewall
- Stateful Packet Inspection (SPI)
- DoS attack prevention
- Packet filtering (IP/ICMP/TCP/UDP)
- Intrusion Detection System (IDS)
- DMZ
- Parental Control (URL blocking, scheduling)

VIRTUAL PRIVATE NETWORK (VPN)

- Multiple PPTP/IPSec/L2TP pass-through

DEVICE CONFIGURATION/MANAGEMENT

- Installation Wizard
- Web-based GUI for configuration and firmware upgrade
- Code lock to prevent improper firmware upgrade
- Telnet
- Syslog monitoring
- TR-069 Client¹

QUALITY OF SERVICE

- LAN to WAN traffic prioritization/Classification
- 802.1p (0 to 7) traffic prioritization¹
- Traffic Shaping
- IGMP Snooping with 32 Multicast groups¹
- PVC/VLAN port mapping (bridge mode)¹

POWER INPUT

- Through 12 V / 1 A external power adapter

DIAGNOSTIC LEDs

- Power
- LAN (1 to 4)
- WLAN
- DSL
- Internet
- WPS

DIMENSIONS (L x W x H)

- 182.8 x 127.8 x 32 mm (4.7 x 7.8 x 1.2 inches)

WEIGHT

- 235 g

OPERATING TEMPERATURE

- 0 to 40 °C (32 to 104 °F)

STORAGE TEMPERATURE

- -20 to 70 °C (-4 to 158 °F)

OPERATING HUMIDITY

- 5% to 95% non-condensing

CERTIFICATIONS

- CE
- WHQL
- Wi-Fi Certified
- WPS

¹ Advanced feature available on project requests, not applicable to standard retail release.

² Maximum wireless signal rate based on IEEE 802.11g and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

³ Typical transmission power; transmission power setting varies according to country.



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