



## Wireless N 300 ADSL2+ Modem Router

High-Speed Wireless<sup>3</sup> for Gaming  
and Multimedia

ADSL2/2+<sup>2</sup> Modem with  
Firewall

Advanced Parental Controls for  
Filtering Content

# ENHANCED

### Ultimate Internet Connection

The DSL-2740BR Wireless N 300 ADSL2+ Modem Router is a versatile, high-performance remote router for home and the small office. With integrated ADSL2/2+ supporting up to 24Mbps download speed, firewall protection, Quality of Service (QoS), 802.11n wireless LAN and 4 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 with Maximum Security

Powered by Wireless N technology, this router provides wireless speeds of up to 300Mbps<sup>1</sup>. Maximize wireless performance by connecting this router to computers equipped with Wireless N wireless interfaces and stay connected from virtually anywhere at home and in the office. The router can also be used with 802.11g and 802.11b wireless networks to enable significantly improved reception. It supports WPA/WPA2 and WEP for flexible user access security and data encryption methods. There is a built-in WPS button for easy wireless setup. A wireless ON/OFF button is also included for user convenience.

### Get High ADSL and Wireless Performance

With an ADSL connection with up to 24Mbps downstream and 1Mbps upstream. Watch TV, listen to live music and experience clear Internet phone calls. Built-in high performance 802.11n 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 even the need to hook up any network wires.

### Firewall Protection and QoS

The security features that have been integrated prevent unauthorized access to the home and office network, be it from the wireless devices or from the Internet. The router provides firewall security using Stateful Packet Inspection (SPI) and hacker attack logging for Denial of Service (DoS) attack protection. SPI inspects the contents of all incoming packet headers before deciding what packets are allowed to pass through. Router access control is provided with packet filtering based on port and source/destination MAC/IP addresses. For Quality of Service (QoS), the router supports multiple priority queues to enable a group of home or office users to experience the benefit of smooth network connection of inbound and outbound data without concern of traffic congestion. This QoS support allows users to enjoy high ADSL transmission speeds for applications such as VoIP and streaming multimedia over the Internet.

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## What This Product Does

This Wireless N 300 ADSL2+ Modem Router connects a group of users to the Internet, allowing multiple computers at home or the office to share an integrated high speed ADSL2+ connection. It features 4 built-in 10/100 Ethernet ports, an 802.11n wireless access point, firewall protection, and QoS for smooth and secure transfer of photos, files, music, video, and e-mail over the Internet.

## D-Link Green™ Technology

- + CoC Tier 2011 compliance
- + Power saving by wireless LAN scheduling
- + Reduced energy consumption by using an Energy Star® qualified power adapter

## Features

- + 802.11b/g/n Wireless<sup>3</sup> and Ethernet Connectivity
- + WiFi Protected Setup (WPS)
- + Enhanced Security with WPA2
- + Includes Advanced Encryption Standard (AES)
- + WAN/LAN Switchable Port
- + Advanced Parental Controls for Domain Blocking and Keyword Filtering
- + Dynamic DNS (DDNS)
- + Network Address Translation (NAT)
- + Stateful Packet Inspection (SPI)
- + IGMP Snooping
- + Traffic Prioritisation/Classification
- + Universal Plug and Play (UPnP)
- + PVC/VLAN Port Mapping
- + Bandwidth Control applications
- + IPv6 Features
- + Syslog Monitoring
- + Annex A/L/M

## Additional Wireless N Products:

DAP-1513	Wireless N Dual Band MediaBridge
DWA-556	Xtreme N™ PCI Express Adapter
DWA-547	Wireless N 300 PCI Adapter
DWA-643	Xtreme N™ PCI ExpressCard
DWA-645	Wireless N 300 PCMCIA Adapter

<http://www.dlink.com.au>

## Contact Us

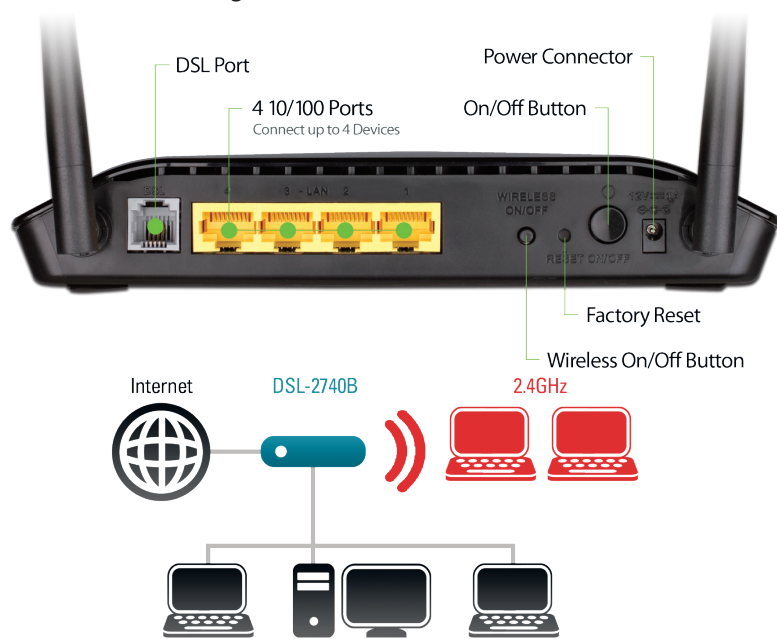
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## Rear Product Features & Connection Diagram



## Technical Specifications

### Device Interfaces

- RJ-11 ADSL port
- 4 RJ-45 10/100BASE-TX Ethernet ports with auto MDI/MDIX
- Built-in 802.11n wireless LAN
- Factory reset button
- WPS button
- Wireless on/off switch

### Wireless LAN

- 802.11b/g/n standards
- Wireless speed: up to 54Mbps (802.11G), 300Mbps (802.11n) 1
- Frequency: 2.4 GHz to 2.484 GHz
- Dual 2x2 built-in MIMO antennas
- 64/128 bits WEP data encryption
- WPA/WPA2 (Wi-Fi Protected Access)
- Multiple SSID
- 802.11e Wireless QoS (WMM/WME)
- MAC address-based access control

### ADSL Standards

- ADSL standards: Multi-mode, ANSI T1.413 Issue 2, ITU G.992.1 (G.dmt Annex A, ITU G.992.2 (G.lite) Annex A, ITU G.994.1 (G.hs)
- ADSL2 standards: ITU G.992.3 (G.dmt.bis) Annex A/L/M, ITU G.992.4 (G.lite.bis) Annex A
- ADSL2+ standards: ITU G.992.5 Annex A/L/M

### Firewall

- Built-in NAT firewall
- Stateful Packet Inspection (SPI)
- DoS attacks prevention
- Packet filtering (IP/ICMP/TCP/UDP)
- Intrusion Detection System (IDS)
- DMZ

### ATM & PPP Protocols

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

### Router Features

- NAT (maximum 4096 NAT sessions)
- DHCP server/client/relay
- Static Routing, RIP v.1, v.2
- Universal Plug and Play (UPnP)
- Dynamic Domain Name System (DDNS)
- Virtual Server
- SNTP, DNS proxy and IGMP proxy

### Virtual Private Network (VPN)

- Multiple PPTP/IPSec/L2TP passthrough

### Device Configuration / Management

- Installation Wizard
- Web-based GUI for configuration, firmware upgrade
- Code lock to prevent improper firmware upgrade
- Telnet with SSH support
- Syslog monitoring
- SNMP v1, v2c support with built-in MIB-II (RFC 1213)
- TR-069 Client
- WPS

### Quality of Service (QoS)

- LAN to WAN traffic prioritization/classification
- 802.1p (0 to 7) traffic prioritization
- Traffic Shaping

### Security

- IGMP Snooping with 32 Multicast groups
- PVC/VLAN port mapping (bridge mode)
- Parental Control (URL blocking, scheduling)

### Power Input

Through 12VAC 1.25A external power adapter

### Diagnostic LEDs

Power, LAN, WLAN, DSL, Internet, WPS

### Dimensions

220 x 150 x 32 mm

### Operating Temperature

0° to 40° C

### Storage Temperature

-20° to 70° C

### Operating Humidity

5% to 95% non-condensing

### Certifications

CE (EN55022/EN55024/EN300 328/EN301 489)

<sup>1</sup>Computer must adhere to Microsoft's recommended System Requirements. The software included with this product is not Mac or Linux compatible. <sup>2</sup>This unit complies with ADSL standards worldwide. It supports a basic downstream rate of 8Mbps with ADSL and is capable of up to 12/24Mbps with ADSL2+ with an upstream of 1Mbps. ADSL speeds may vary depending on the individual contract with an Internet Service Provider and the distance of the unit from the ISP's DSLAM. <sup>3</sup>Maximum wireless signal rate derived from IEEE Standard 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. <sup>4</sup>24/7 Technical Support available only in Australia and New Zealand. <sup>5</sup>1-Year Limited Warranty available only in Australia and New Zealand.

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details. Latest documentation is available at <http://support.dlink.com.au>.

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ADSL

DSL-2740BR

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