

Product Highlights

All-in-One Complete Internet Solution

A total solution that helps you connect, share and enjoy your Internet connection with a single device that's easy to set up and manage

High-Performance Wireless

Fast 802.11n wireless gives you superior speed and range while remaining compatible with older 802.11g/b devices

Safe and Secure

Integrated firewall keeps your Internet connection safe, preventing unauthorised access to the network whilst WPS allows you to establish a secure Wi-Fi connection at a push of a button



DSL-2745

Wireless N300 ADSL2+ Modem Router

Features

All-In-One Solution

- Integrated ADSL2/2+ modem
- 802.11n wireless LAN
- 4 Ethernet switch ports

Robust Security Features

- Wi-Fi Protected Setup (WPS)
- WPA/WPA2 and WEP
- Stateful Packet Inspection (SPI)
- Network Address Translation (NAT)

Smooth Connectivity

- Supports download speeds up to 24 Mbps
- Auto MDI/MDIX
- Quality of Service (QoS)

The DSL-2745 Wireless N300 ADSL2+ Modem Router is a versatile, high-performance router for a home or small office. With integrated ADSL2/2+, supporting download speeds up to 24 Mbps, firewall protection, Quality of Service (QoS), 802.11n wireless LAN, and 4 Ethernet switch ports, the DSL-2745 provides all the functions that a user needs to establish a secure and high-speed link to the Internet.

Reliable Wireless Connection

Featuring Wireless N300 technology, the DSL-2745 supports wireless speeds of up to 300 Mbps¹, 4 times faster than 802.11g. Featuring 2 x 2 MIMO antenna configuration, wireless devices can take advantage of expanded wireless coverage. Supporting 802.11g and 802.11b, existing wireless devices can also connect to the network easily and quickly while enjoying significantly improved reception.

Enhanced Features

The Wireless N300 ADSL2+ Modem Router offers Quality of Service (QoS), which allows 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. Virtual server allows gamers and advanced users to forward ports for remote access. In addition, it includes four Ethernet ports for connecting Ethernet-enabled PCs, print servers, and other devices, making the DSL-2745 a logical choice for users who want a versatile and fast Wi-Fi router.

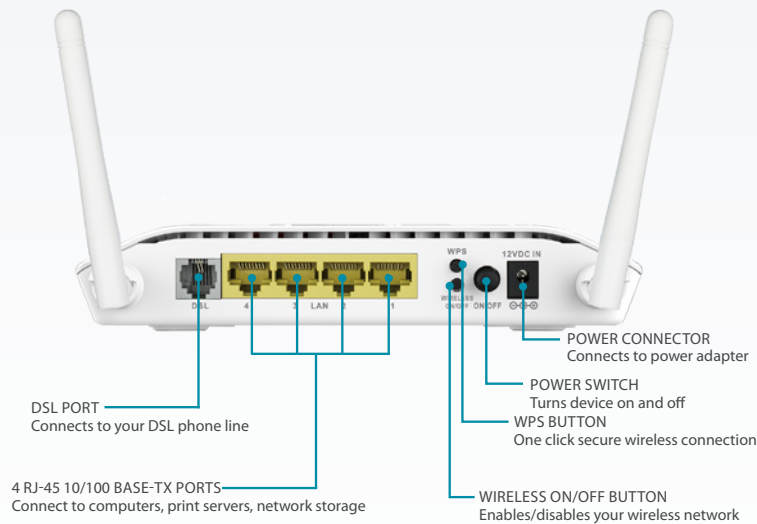
Integrated Firewall Protection

This router's security features prevent unauthorised access to your private network from wireless devices or from the Internet. These features include firewall security, such as Stateful Packet Inspection (SPI) and hacker attack logging. SPI inspects the content of incoming packets before they are allowed in, while hacker logging helps to protect your network against Denial of Service (DoS) attacks. Together, these features keep your network safe and secure, allowing you to send e-mails and shop online with confidence. Additionally, it supports WPA/WPA2 and WEP for flexible security and data encryption while a WPS button provides an easy way to establish a secure wireless connection.

IPv6 Ready

This router is ready for the future of the Internet with support for the upcoming move from IPv4 to IPv6. It carries the IPv6 Ready Logo Program approved, meaning that it not only supports the IPv6 protocol, but is also compatible with IPv6 equipment from other manufacturers. Using a dual-stack architecture, this router can handle routing for both IPv4 and IPv6 networks at the same time, so you can be assured that your router is forward and backward compatible.

Rear View



Technical Specifications

General

Device Interfaces	<ul style="list-style-type: none"> • RJ-11 ADSL port • 4 x RJ-45 10/100BASE-TX Ethernet ports with auto MDI/MDIX • Factory reset button 	<ul style="list-style-type: none"> • Built-in 802.11n wireless LAN • WPS button • Wireless on/off switch • Power on/off switch
ADSL Standards	<ul style="list-style-type: none"> • Multi-mode • ANSI T1.413 Issue 2 • ITU G.992.1 (G.dmt) Annex A 	<ul style="list-style-type: none"> • ITU G.992.2 (G.lite) Annex A • ITU G.994.1 (G.hs)
ADSL2 Standards	<ul style="list-style-type: none"> • ITU G.992.3 (G.dmt.bis) • Annex A/L/M, ITU G.992.4 (G.lite.bis) Annex A 	<ul style="list-style-type: none"> • ITU G.992.5 Annex L/M (optional)

Functionality

General	<ul style="list-style-type: none"> • 802.11b/g/n standards • Wireless speed: up to 54 Mbps (802.11g), 300 Mbps (802.11n) • G.dmt: 8 Mbps downstream, 832 Kbps upstream • G.lite: 1.5 Mbps downstream, 512 Kbps upstream • ADSL2: 12 Mbps downstream, 1 Mbps upstream • ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs) • Frequency range: 2.4 GHz to 2.484 GHz • Antennas: Dual 2x2 MIMO antennas 	<ul style="list-style-type: none"> • ADSL2+: 24 Mbps downstream, 1 Mbps upstream • VC and LLC based multiplexing • PPP over Ethernet (PPPoE) • PPP over ATM (RFC 2364) • ITU-T I.610 OAM F4/F5 • ATM Adaptation Layer Type 5 (AAL5) • ATM QoS (Traffic Shaping) • Bridged or routed Ethernet encapsulation
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DSL-2745 Wireless N300 ADSL2+ Modem Router

Router Features	<ul style="list-style-type: none"> • NAT & NATP • DHCP server/client/relay • Static Routing, RIP v.1, v.2 • Universal Plug and Play (UPnP) compliant • Dynamic Domain Name System (DDNS) • Virtual server 	<ul style="list-style-type: none"> • SNTP, DNS proxy and IGMP proxy • Built-in NAT firewall • Stateful Packet Inspection (SPI) • DoS attacks prevention • Packet filtering (IP/ICMP/TCP/UDP) • Supports IPv6
Virtual Private Network (VPN)	<ul style="list-style-type: none"> • Multiple PPTP/IPSec/L2TP pass-through 	
Device Configuration/Management	<ul style="list-style-type: none"> • Installation wizard • Web-based GUI for configuration, firmware upgrade • Code lock to prevent improper firmware upgrade 	<ul style="list-style-type: none"> • Telnet • Syslog monitoring
Quality of Service	<ul style="list-style-type: none"> • 802.1p (0 to 7) traffic tagging • IGMP snooping with 32 Multicast groups 	<ul style="list-style-type: none"> • PVC/VLAN port mapping (bridge mode)
Security	<ul style="list-style-type: none"> • IGMP • PVC/VLAN port mapping (bridge mode) 64/128 bits • WEP data encryption 	<ul style="list-style-type: none"> • WPA/WPA2 (Wi-Fi Protected Access) security • MAC address-based access control • WPS
Power Input	<ul style="list-style-type: none"> • Through 0.5A external power adapter 	
Status LEDs	<ul style="list-style-type: none"> • Power • LAN (1 to 4) • WLAN 	<ul style="list-style-type: none"> • WPS • DSL • Internet
Physical		
Dimensions	<ul style="list-style-type: none"> • 68 x 42 x 51 mm (2.68 x 1.65 x 2 inches) 	
Weight	<ul style="list-style-type: none"> • 113.4 grams (4 ounces) 	
Power	<ul style="list-style-type: none"> • Input: 100 to 240 V AC, 50/60 Hz 	
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> • Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	<ul style="list-style-type: none"> • Operating: 0% to 90% non-condensing 	<ul style="list-style-type: none"> • Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> • CE 	<ul style="list-style-type: none"> • Anatel

¹ Maximum wireless signal rate derived from IEEE Standard 802.11n, 802.11g, and 802.11b 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. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link 802.11n devices.



For more information: www.dlink.com

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