

Product Highlights

Super-fast Internet

Latest ADSL2/2+ standards provide Internet transmission speeds of up to 24 Mbps downstream and 1 Mbps upstream

High-performance Wireless

Embedded 802.11n technology enables a high-speed wireless connection and complete backward compatibility with 802.11b/g wireless devices

Share Files and USB Devices

Use the integrated USB port to share a USB storage device or multifunction printer on your network



DSL-2750B

All-in-one ADSL2+ Modem Router

Features

Connectivity

- Built-in ADSL2+ modem for connecting to your high-speed broadband Internet connection
- Four 10/100 BASE-TX MDI/MDIX RJ-45 ports to connect wired devices for high-speed online activities
- Fast 802.11n wireless for reliable long-range wireless connections to all of your PCs and mobile devices
- USB 2.0 port to connect to a printer or share media on a storage device

Security

- Dual-active firewalls (NAT/SPI) to control traffic and prevent exploits and intrusions
- Wi-Fi Protected Setup (WPS) to quickly and securely add devices to your network
- WPA/WPA2 encryption to secure your wireless traffic

Ease of Use

- Intuitive setup wizard to speed up initial configuration
- Web-based browser setup and configuration
- Backward-compatible with all your older Wi-Fi certified devices

Advanced Features

- QoS technology
- VPN passthrough

The D-Link DSL-2750B All-in-one ADSL2+ Modem Router is a versatile, high-performance router for a home or small office. Its built-in ADSL2/2+ modem supports download speeds of up to 24 Mbps. With additional features such as dual-active firewall protection, Quality of Service (QoS), and a USB port that lets you share a USB storage device or printer on your private network, the DSL-2750B provides all of the functions that a home or small office needs to establish a secure and high-speed connection to the outside world.

Everything You Need For a High-Speed Connection

The DSL-2750B All-in-one ADSL2+ Modem Router connects a group of users to the Internet, allowing multiple computers in a home or in an office to share an integrated high-speed ADSL2/2+ interface. It provides high-performance 802.11n wireless access for wireless computers and devices, four built-in Ethernet ports for a blazing-fast wired connection, and QoS technology to prioritize important Internet traffic such as movie streaming, online gaming, or phone calls, improving the performance of these applications.

Ultimate Wireless Connection

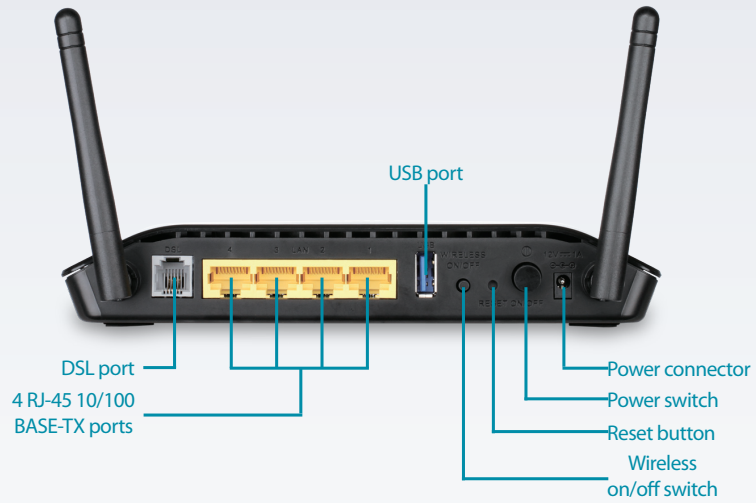
The DSL-2750B features 802.11n technology that delivers increased range and wireless speeds of up to 300 Mbps, so you can enjoy a fast wireless connection for Internet browsing and file transfers. This router is also backward-compatible with 802.11b and 802.11g devices, so you can also connect wirelessly with such devices. The DSL-2750B also supports WPA/WPA2 and WEP data encryption methods for protecting your wireless network from unauthorized access.

Share a Printer or USB Drive

Users can connect a USB multifunction printer to share printing and scanning functions, allowing a single printer to be used for an entire office or household. By plugging a USB hard drive or flash drive into the USB port, you can create a shared storage space for all of the computers and devices on your network.

Firewall Protection

The DSL-2750B's security features prevent unauthorized 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 emails and shop online with confidence.



Technical Specifications		
General		
Interfaces	<ul style="list-style-type: none"> RJ-11 ADSL port Four 10/100 BASE-TX MDI/MDIX RJ-45 ports 	<ul style="list-style-type: none"> 802.11n WLAN USB 2.0 port
Wireless LAN	<ul style="list-style-type: none"> 802.11b/g/n standards Wireless speed: up to 300 Mbps (802.11n), 54 Mbps (802.11g)¹ Frequency range: 2.4 GHz to 2.484 GHz Antennas: 2 Non-detachable MIMO antennas 64/128-bit WEP data encryption 	<ul style="list-style-type: none"> WPA/WPA2 (personal/enterprise) security 802.1x RADIUS WPS (Wi-Fi Protected Setup) Multiple SSIDs* 802.11e Wireless QoS (WMM/WME)* MAC address-based access control
Wireless Transmission Power ²	<ul style="list-style-type: none"> 17 dBm +/- 2 dBm 	
ADSL Standards	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> 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
ADSL Data Rates	<ul style="list-style-type: none"> G.dmt: 8 Mbps downstream, 832 Kbps upstream G.lite: 1.5 Mbps downstream, 512 Kbps upstream 	<ul style="list-style-type: none"> ADSL2: 12 Mbps downstream, 1 Mbps upstream ADSL2+: 24 Mbps downstream, 1 Mbps upstream
Diagnostic LED	<ul style="list-style-type: none"> Power LAN (1 to 4) WLAN DSL 	<ul style="list-style-type: none"> Internet WPS USB
Features		
ATM & PPP Protocols	<ul style="list-style-type: none"> ATM Forum UNI3.1/4.0 PVC (up to 16 PVCs)* ATM Adaptation Layer Type 5 (AAL5) ATM QoS (Traffic Shaping)* Bridged or routed Ethernet encapsulation 	<ul style="list-style-type: none"> VC and LLC based multiplexing PPP over Ethernet (PPPoE) PPP over ATM (RFC 2364) ITU-T I.610 OAM F4/F5
Network Protocols	<ul style="list-style-type: none"> WAN/LAN switchable port NAT (maximum 4096 NAT sessions) DHCP server/client/relay Static routing, RIP v.1, v.2* 	<ul style="list-style-type: none"> Universal Plug and Play (UPnP) Compliant Dynamic Domain Name System (DDNS) Virtual server SNTP, DNS proxy, and IGMP proxy*
Firewall/Access Security	<ul style="list-style-type: none"> Built-in NAT firewall Stateful Packet Inspection (SPI) DoS attack prevention Packet filtering (IP/ICMP/TCP/UDP) 	<ul style="list-style-type: none"> Intrusion Detection System (IDS) DMZ Parental control (URL blocking, scheduling)
Virtual Private Network (VPN)	<ul style="list-style-type: none"> Multiple PPTP/IPSec/L2TP passthrough 	

DSL-2750B All-in-one ADSL2+ Modem Router

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 • TR-069 Client*
Quality of Service (QoS)	<ul style="list-style-type: none"> • LAN to WAN traffic prioritization/classification • 802.1p (0 to 7) traffic prioritization* • Traffic shaping 	<ul style="list-style-type: none"> • IGMP Snooping with 32 multicast groups* • PVC/VLAN port mapping (bridge mode)*
USB Applications	<ul style="list-style-type: none"> • Samba server 	<ul style="list-style-type: none"> • Printer server
Physical		
Dimensions	• 182.8 x 127.8 x 32 mm (4.7 x 7.8 x 1.2 inches)	
Weight	• 236 grams (0.52 lbs)	
Power Input	• 12V / 1 A external switching power adapter	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 70 °C (-4 to 158 °F)
Operating Humidity	• 5% to 95% non-condensing	
Certifications	<ul style="list-style-type: none"> • CE • WHQL 	<ul style="list-style-type: none"> • Wi-Fi Certified • WPS
Order Information		
<i>Part Number</i>	<i>Description</i>	
DSL-2750B	All-in-one ADSL2+ Modem Router	

* Advanced features available on project requests, not applicable to standard retail release.

¹ 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.

² Typical transmission power; transmission power setting varies according to country.

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