

Wireless N ADSL2+ Modem Router + USB

High-Speed Wireless Connection & Coverage for Small Homes, Small Offices, Gaming and Multimedia Applications

Microfilter / Splitter Included



SharePort™ Plus Technology for Sharing any USB Device



4 10/100 Ethernet Ports for Great Wired Connectivity



(2.4GHz) Wireless, Speeds up to 300Mbps³

NBN READY

Configure one of the LAN ports as a WAN port

N 300

Ultimate Internet Connection

The DSL-2750B Wireless N 300 ADSL2+ Modem Router + USB 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. You can even connect a USB printer or storage drive and share it through D-Link's SharePort™ Plus feature.

802.11n Wireless Connection with Maximum Security

Powered by Wireless N technology, this router provides wireless speeds of up to 300Mbps¹. 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.

What This Product Does

This Wireless N 300 ADSL2+ Modem Router + USB 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, a USB 2.0 port for printer or storage sharing, firewall protection, and QoS for smooth and secure transfer of photos, files, music, video, and e-mail over the Internet.

Features

- + 802.11b/g/n Wireless³ and Ethernet Connectivity
- + WiFi Protected Setup (WPS)
- + Enhanced Security with WPA2
- + Includes Advanced Encryption Standard (AES)
- + NBN Ready with Configurable 10/100 LAN/WAN Port⁴
- + Advanced Parental Controls for Domain Blocking
- + 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
- + IPv6 Features
- + Syslog Monitoring
- + USB 2.0 applications:
 - Built-In print server for printer sharing
 - Built-In Samba server for file sharing
- + Annex A/L/M
- + 24/7 Basic Installation Support⁵
- + 3-Year Limited Warranty⁶

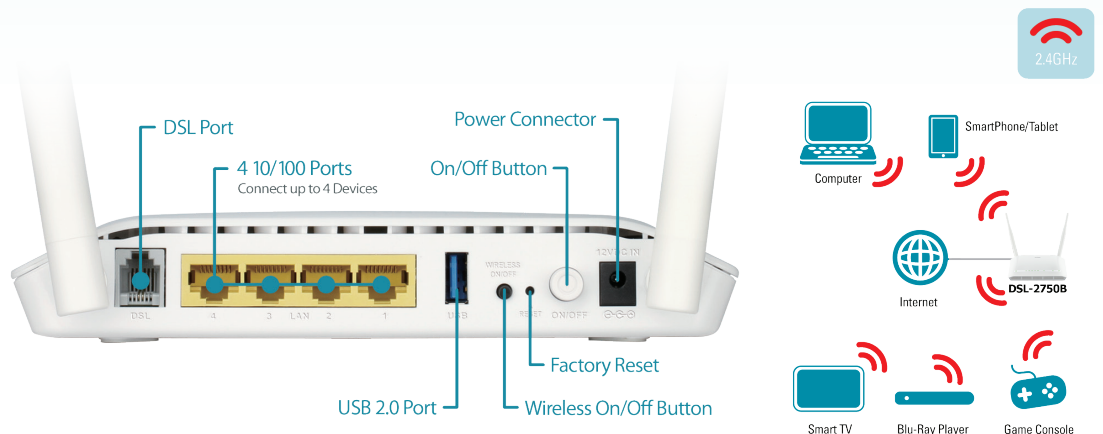
Additional Wireless N Products:

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>

<http://www.dlink.co.nz>

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
- USB 2.0 port

Wireless LAN

- 2 x 5dBi non-removable antennas
- 802.11b/g/n standards
- Wireless speed: up to 54Mbps (802.11G), 300Mbps (802.11n)³
- 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
- SharePort™ Plus for sharing of USB 2.0 devices

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)

Power Input

Through 12VAC 1.25A external power adapter

Diagnostic LEDs

Power, LAN, WLAN, USB, DSL, Internet, WPS

Dimensions

180 x 118 x 42 mm

Operating Temperature

0° to 40° C

Storage Temperature

-20° to 65° C

Operating Humidity

5% to 95% non-condensing

Certifications

- CE
- C-Tick
- A-Tick

Warranty

3 Year Limited Warranty⁶

¹Computer must adhere to Microsoft's recommended System Requirements. The software included with this product is not Mac or Linux compatible. ²This 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 ADSL2/2+ 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. ³Maximum 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. ⁴One of the LAN ports may be configured via the Web Interface to become an Ethernet WAN port for use with an Ethernet or NBN Service. ⁵24/7 Technical Support available only in Australia and New Zealand. ⁶3-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> or <http://support.dlink.co.nz>.

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3-YEAR LIMITED WARRANTY

	AUSTRALIA Technical Support: http://support.dlink.com.au 1300 766 868	NEW ZEALAND Technical Support: http://support.dlink.co.nz 0800 900 900
	Release 01(AU) (20 Sep. 2012)	



DSL-2750B

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