D-Link®

DSL-2870B

mydlink **cloud** services

PERFORMANCE ▷▷▷
WIRELESS RANGE ▷▷▷

DSL-2870B
Dual Band Wireless N750 Gigabit ADSL2+ Modem Router

Dual Band Wireless N750 Gigabit ADSL2+ Modem Router

High-Speed Wireless Connection & Coverage for Large Homes, Small Offices, Gaming, Multimedia Applications and manage your home network via mydlink™

Microfilter / Splitter Included

Share your USB Storage device or Printer via the built-in USB port	4 Gigabit Ethernet Ports for Great Wired Connectivity	Concurrent Dual Band (2.4GHz and 5GHz) Wireless, Speeds up to 750Mbps[3]	Configure one of the Gigabit LAN ports as a Gigabit WAN port	**N+ 750** DUAL BAND

NBN + UFB READY

Ultimate Internet Connection

The DSL-2870B Dual Band Wireless N750 Gigabit ADSL2+ Modem Router is a versatile, high-performance router for home and the small office. With integrated ADSL2/2+ supporting up to 24Mbps[2] download speed, firewall protection, Quality of Service (QoS), 802.11n Dual Band Wireless LAN and 4 Gigabit switch ports, this router provides all the functions that a home or small office needs to establish a secure and high-speed link to the outside world. You can even connect a USB printer or storage drive and share it over your network.

Extreme Performance with Wireless N750 and Gigabit

High intensity games and HD videos need a high intensity router to keep up with all that streaming. At the same time you want to work, surf, and email just like always. The Dual Band Wireless N750 Gigabit ADSL2+ Modem Router features simultaneous dual band – 2.4GHz and 5GHz, so you can stream HD videos and play games while chatting and surfing the web with less skipping and interference. Fast multimedia streaming at speeds of up to 450Mbps[3] on the low interference 5GHz band means no waiting for videos to load before you can watch them. If you prefer a wired connection, 4 Gigabit ports provide you with top speed for all your gaming and video needs.

Firewall Protection and QoS

The security features that have been integrated into this device 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.

mydlink™ Cloud Services

Using built-in cloud technology this router provides easy access to your stored personal files and multimedia across all your devices including Smartphones and tablets whenever a USB storage device is connected to the router's USB port. Simply download the free SharePlay app[7] for iPhones, iPads and Android devices to stream content directly to your mobile devices. This router also comes with the unique mydlink™ Cloud Services, so that you can monitor and manage your home network from wherever you are, 24/7, via the mydlink™ portal from your laptop or via a free app from your Smartphone or tablet. Keep up to date when new devices are connecting to your network, block unwanted access or monitor in real-time websites that are being visited - great for parents.

N+ 750 DUAL BAND

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What This Product Does

This Wireless N750 Dual Band 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 Gigabit Ethernet ports, an 802.11n wireless access point (2.4Ghz & 5Ghz), 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.

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

+ IEEE 802.11a, 802.11g and 802.11n Compliant
+ Concurrent Dual Band (2.4GHz and 5GHz), speed up to 750Mbps3
+ Wi-Fi Protected Setup™ (WPS)
+ Support for Secure Wireless Encryption using WPA™ or WPA2™
+ Includes Advanced Encryption Standard (AES)
+ Integrated Antennas
+ Built-in ADSL Modem[2] (Annex A/L/M)
+ Gigabit Ethernet Switch
+ NBN/UFB Ready with Configurable Gigabit LAN/WAN Port[4]
+ mydlink™ Cloud Services
+ One-Touch App
+ SmartPlay App
+ mydlink™ Lite App
+ 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
+ USB 2.0 with Sharing Technology
   - Built-In Print Server for printer sharing
   - Built-In Samba Server for file sharing
+ DLNA Server
+ 24/7 Basic Installation Support[5]
+ 3-Year Limited Warranty[6]

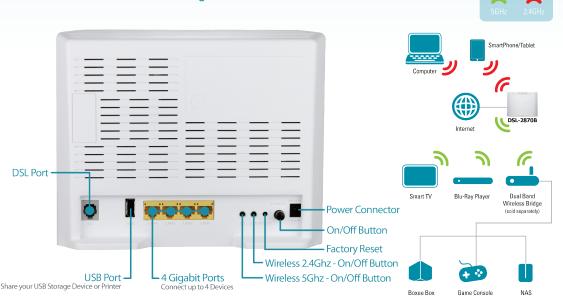## Additional Wireless N Products:

DAP-1513   Wireless N600 Dual Band MediaBridge
DWA-548   Wireless N300 PCI Express Adapter
DWA-160   Wireless N600 Dual Band USB Adapter

http://www.dlink.com.au
http://www.dlink.co.nz

3-YEAR LIMITED WARRANTY

24/7 SUPPORT

AUSTRALIA
Technical Support:
http://support.dlink.com.au
1300 766 868

NEW ZEALAND
Technical Support:
http://support.dlink.co.nz
0800 900 900

Wi-Fi CERTIFIED

WI-FI PROTECTED SETUP

dlink green

ACN 052 202 838

Release 02(AU) (03 Jun. 2013)

Rear Product Features & Connection Diagram

5GHz   2.4GHz

DSL Port

USB Port
Share your USB Storage Device or Printer

4 Gigabit Ports
Connect up to 4 Devices

Power Connector
On/Off Button
Factory Reset
Wireless 2.4Ghz - On/Off Button
Wireless 5Ghz - On/Off Button

Computer
SmartPhone/Tablet
Internet
DSL-2870B
Smart TV
Blu-Ray Player
Dual Band Wireless Bridge (sold separately)
Boxee Box
Game Console
NAS

Technical Specifications

Device Interfaces
• RJ-11 ADSL port
• Four (4)10/100/1000BASE-TX MDI/MDIX RJ-45 Gigabit Ethernet ports
• Built-in 802.11n Wireless LAN
• Factory Reset button
• Power on/off button
• Wireless 2.4Ghz on/off switch
• Wireless 5Ghz on/off switch
• USB host 2.0 for Printer/File sharing

Wireless LAN
• 802.11b/g/n standards
• Wireless speed: up to 300Mbps (2.4Ghz) & 450Mbps (5Ghz)[3]
• Frequency bands: 2.4 GHz and 5GHz
• Five (5) Internal 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

Virtual Private Network (VPN)
• Multiple PPTP/IPSec/L2TP passthrough

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)

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
• NBN/UFB Mode
• mydlink™ Cloud Services
• WAN VLAN ID

Device Configuration / Management
• Simple Web-based Installation Wizard[1]
• Web-based Interface for configuration, firmware upgrade
• Telnet
• Syslog monitoring
• SNMP v1, v2c support with built-in MIB-II (RFC 1213)
• TR-069 Client (optional)
• WPS
• IPv6

Quality of Service (QoS)
• LAN to WAN traffic prioritization/classification
• 802.1p (0 to 7) traffic prioritization

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

Power Input
Through 12VAC 1.5A external power adapter

Diagnostic LEDs
Power, LAN, WLAN 2.4Ghz, WLAN 5Ghz, USB, DSL, Internet, WPS

Dimensions
213 x 173 x 52 mm

Operating Temperature
0˚ to 40˚ C

Storage Temperature
-20˚ to 70˚ C

Operating Humidity
5% to 95% non-condensing

Certifications
• CE
• C-Tick
• A-Tick

Warranty
3 Year Limited Warranty[5]

DUAL BAND
N+ 750

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