



Cloud Router 2500 | Wireless N750 Dual Band Gigabit Router

Product Highlights

Greater Coverage - High-powered wireless N750 signal

Connect devices - Four Gigabit Ethernet ports

Stream and share files - USB SharePort and free mobile app

Advanced Security - Preset security with advanced WPA2 encryption

Guest Network - Provides a separate guest network for additional security

Easy Setup - Easy setup with browser setup and Quick Router Setup Mobile app

Dual Band performance – up to 750Mbps for streaming HD video, music, gaming and large files

Control and monitor your network from anywhere with remote Cloud Access

Use SharePort™ to stream media from any USB drive to your mobile devices

Wireless N750 for Fast Speed and Whole-Home Coverage

The Cloud Router 2500 delivers up to 750Mbps for a fast, secure wireless connection – ideal for HD video streaming and gaming. And with an integrated high-powered Amplifier, the Cloud Router 2500 covers your home's hard-to-reach areas like upstairs rooms and outdoor patios.

Interference-Free Bandwidth

The Cloud Router 2500 delivers Dual Band technology for intelligent, versatile, interference-free bandwidth. Check your email and surf the Internet on the 2.4GHz band; or game, make Skype calls and stream HD movies to multiple devices using the cleaner, interference-free 5GHz band. Whatever you like to do online, Dual Band has you covered.

Package Contents

- Cloud Router 2500 (DIR-836L)
- Ethernet Cable
- Power Adapter
- Quick Install Guide¹

Minimum System Requirements

Computer with:

- Windows^{®2} 7, Windows Vista^{®2}, Windows[®] XP SP2², or Mac OS[®] X (v10.4)
- Internet Explorer[®] v6, Mozilla[®] Firefox[®], Google Chrome or Safari 4
- Network Interface Card

For Internet Access:

- Cable or DSL Modem
- Subscription with an Internet Service Provider (ISP)

Mobile Apps:

- SharePort Mobile App Requires iOS 4.3 or higher, and Android 2.0 or higher
- QRS Mobile App Requires iOS 4.3 or higher, and Android 2.0 or higher
- mydlink App Requires iOS 3.0 or higher and Android 1.6 or higher

Suggested Products:

- D-Link Xtreme[®] N Dual Band USB Adapter (DWA-160)

Features

- IEEE 802.11a, 802.11n, 802.11g
- Speeds up to 750Mbps (300Mbps + 450Mbps)⁴
- Wi-Fi Protected Setup™ (WPS) Push Button
- Intelligent QoS Engine for traffic optimization
- USB 2.0
- 1 Gigabit WAN Port
- 4 Gigabit Ethernet Ports
- Support for Secure Wireless Encryption using WPA™ or WPA2™
- 24/7 Basic Installation Support⁵
- 1-Year Limited Warranty⁶

Remote Management with mydlink apps

Monitor your home network anywhere, anytime, on your smartphone or tablet using the free mydlink apps. See what websites are being visited, block unwanted device connections, and set up automatic email alerts when unauthorized connections are made. Parents can even check in to see what the kids are doing online. Take control of your network and experience the peace of mind mydlink delivers.

Stream and Share Your Favorite Media

With D-Link's free SharePort Mobile app, you can stream and share your favorite movies, music and photos from any connected USB storage drive on your iPhone, iPad or Android device.

Easy WPS Push Button Setup

Quickly and easily establish a fast, secure home network that will have you browsing, streaming, and watching in minutes. It's as easy as push and connect!

	Cloud Router 1100	Cloud Router 1200	Cloud Router 2000	Cloud Router 2500	Cloud Router 3000	Cloud Router 5700
Performance						
Range						
Wi-Fi Speed	N300 300Mbps	N300 300Mbps	N600 (300+300Mbps)	N750 (300+450Mbps)	N900 (450+450Mbps)	AC1750 (450+1300Mbps)
Bands	Single-band 2.4GHz	Single-band 2.4GHz	Simultaneous Dual-band 2.4GHz+GHz	Simultaneous Dual-band 2.4GHz+5GHz	Simultaneous Dual-band 2.4GHz+5GHz	Simultaneous Dual-band 2.4GHz+5GHz
Ports	4 x Fast Ethernet USB SharePort™	4 x Gigabit USB SharePort™	4 x Gigabit USB SharePort™	4 x Gigabit USB SharePort™	4 x Gigabit USB SharePort™	4 x Gigabit USB SharePort™
Features						
High-Powered Amplifier	•	•	•	•	•	•
App-Enabled	•	•	•	•	•	•
Wi-Fi Protected Setup	•	•	•	•	•	•
USB SharePort™	•	•	•	•	•	•
DLNA Media Streaming	•	•	•	•	•	•
Ideal for Large Files and Fast Web Surfing		•	•	•	•	•
Ideal for HD video			•	•	•	•
HD Fuel Traffic Management			•	•	•	•
Ideal for Gaming				•	•	•
Optimized for Simultaneous Media and Device Usage					•	•

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USB SharePort™
Share media from an USB external hard drive or thumb (flash) drive

WPS Push Button
Easily and securely connect new devices with the push of a button

4 Gigabit LAN Ports
Connects up to 4 wired devices

Internet Port
Plug your Internet cable in here

Power Button

Power Connector

Technical Specifications

Standards

- IEEE 802.11g
- IEEE 802.11n
- IEEE 802.11a
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab

Device Interfaces

- 802.11n/g/b Wireless LAN
- Four 10/100/1000 Gigabit Ethernet Ports
- 10/100/1000 Gigabit WAN port
- USB 2.0 port

Security

- Wi-Fi Protected Access (WPA/WPA2)
- WPS™

Device Management

- Internet Explorer® v7 or Later
- Mozilla® Firefox®
- Google Chrome
- Safari 4 or Later

USB SharePort™

- Maximum 500GB USB storage size
- USB Drive format: FAT32 and NTFS

Mobile Apps

- SharePort™ Mobile
- QRS Mobile
- mydlink Lite

LEDs

- Power
- Internet

Power

- DC 12V

Operating Temperature

- 30° to 104° F (0° to 40° C)

Operating Humidity

- 10% to 95% non-condensing

Certifications

- FCC
- IC
- IPv6
- Wi-Fi®

Dimensions

- 4.370" x 3.660" x 5.700"
(11.1 x 9.296 x 14.478 cm)

Weight

- 0.80lbs (362 grams)

Warranty

- 1-Year Limited Warranty⁶

¹ Latest software and documentation are available at <http://support.dlink.com>.

² Computer must adhere to Microsoft's recommended System Requirements.

³ Maximum wireless signal rate derived from IEEE Standard 802.11 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 Wireless N devices.

⁴ 24/7 Basic Installation Support is available only in the USA for the first 30 days from date of original purchase.

⁵ 1-Year Limited Warranty available only in the USA.

⁶ Zero Configuration requires a D-Link Cloud Router and a Zero Configuration-enabled device.

All references to speed and range, including the performance chart, 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.

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Building Networks for People