D-Link®

Building Networks for People

Product Highlights

Portable Mobile Wireless

Create a reliable, high-speed wireless network conveniently anywhere you have a mobile broadband signal

3G/4G LTE Connection Sharing

Attach your 3G/4G LTE adapter to the router's USB port to share your high-speed mobile Internet service with family or colleagues

Backup Network Link

Use your 3G/4G LTE connection as a backup for your ADSL/cable Internet service

DWR-116
Wireless N300 Multi-WAN Router

Features

High Speed Mobile Broadband

- Supports the latest 4G LTE connection technology for super-fast mobile broadband
- Supports 4G LTE/EV-DO/CDMA/HSPA+/HSUPA/ HSDPA/UMTs wireless networks for international compatability
- Share a mobile broadband connection at speeds of up to 300 Mbps[1]
- Increased speed, range, and reliability with the 802.11n wireless standard[2]

Wireless Anywhere

- Create a wireless internet connection by simply plugging in a mobile broadband adapter
- Can be installed almost anywhere for true mobile wireless networking

Failover for Reliable Internet

- Supports WAN failover for an uninterrupted internet connection if your wired link fails
- Use 3G/4G as your primary internet connection with wired WAN internet for redundancy, or have 3G/4G as a backup for your wired connection

The DWR-116 Wireless N300 Multi-WAN Router allows you to connect a 3G or 4G LTE USB adapter for mobile broadband connectivity. The incoming connection is then shared via a Wireless N 300 network, allowing you to set up a wireless network almost anywhere that you have a 3G or 4G broadband signal.

Maximum Portability

The D-Link Wireless N300 Multi-WAN Router allows users to access and share mobile broadband worldwide. Simply insert a compatible 4G LTE/HSPA+/HSUPA/HSDPA/UMTS USB adapter and share your Internet connection through a secure, high-speed wireless network. Enjoy increased speed and range over traditional 802.11b/g standards with the latest Wireless N 300 technology.

Reliable, Uninterrupted Internet Connection

A 10/100 Ethernet WAN port allows you to attach a DSL/Cable modem as the primary or backup link, while auto-failover ensures an uninterrupted connection by automatically connecting to your 3G/4G LTE network whenever the WAN link is lost. The built-in QoS management feature also prioritizes traffic to ensure that the most important data receives optimum bandwidth.

Incredible Wireless Speeds

The DWR-116 supports the latest, high-speed 4G LTE mobile broadband technology, allowing you to achieve blazing fast mobile broadband speeds. In addition to this, the Wireless N300 Multi-WAN Router's N 300 technology means that you can connect wireless clients to the router at up to 300 Mbps, with the enhanced range and reliability of the 802.11N wireless standard.
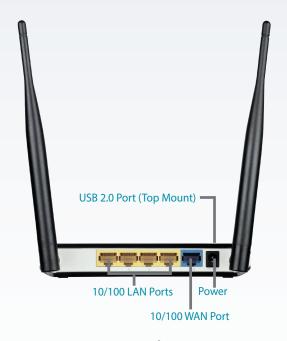
Advanced Network Security

The DWR-116 ensures a secure Wi-Fi network through the use of WPA/WPA2 wireless encryption. Simply press the WPS button to quickly establish a secure connection to new devices. The DWR-116 also utilizes dual-active firewalls (SPI and NAT) to prevent potential attacks and intrusions from across the Internet.

Simple to Install and Use

The Wireless N300 Multi-WAN Router can be installed quickly and easily almost anywhere. The intuitive setup wizard will get you set up and connected in no time. This router is great for situations where an impromptu wireless network is required, or where conventional wired network access is unavailable. The DWR-116 can even be installed on buses, trains, or boats, allowing passengers to access the internet while commuting.

USB 2.0 Port (Top Mount)

10/100 LAN Ports   Power

10/100 WAN Port

Rear View

3G/4G Service Tower

DWR-116
Wireless N300 Multi-WAN Router
with Mobile Broadband Adapter

Computer   Tablet   Smartphone

Usage Situation

Technical Specifications		
General		
Device Interfaces	• 4 x 10/100 Ethernet LAN Ports • 1 x 10/100 Ethernet WAN Port	• 1 x USB 2.0 Port
LED Status Indicators	• Status • WLAN	• WAN • LAN
Antenna	• 2 x External 5 dBi WiFi Antennas	
Compatible Mobile Networks	• EV-DO/CDMA	• 4G LTE/HSPA+/HSUPA/HSDPA/UMTS
Standards	• IEEE 802.11b • IEEE 802.11g • IEEE 802.11n	• IEEE 802.3 • IEEE 802.3u • 300N (2x2)
Wireless Security	• 64/128-bit WEP (Wired Equivalent Privacy) • WPA & WPA2 (Wi-Fi Protected Access)	• WPS
Firewall	• Network Address Translation (NAT) • Stateful Packet Inspection (SPI)	• MAC Address Filtering • Website Filtering
VPN	• L2TP/PPTP/IPSEC VPN Pass-through	• PPTP/L2TP Connection
Advanced Features	• 3G/4G LTE Modem Backup • QoS Management	• Auto WAN Failover • Load Sharing

Physical

Dimensions	• 148.5 x 113.5 x 25 mm (5.85 x 4.47 x .98 inches)	
Weight	• 300 grams (0.66 lbs)	
Power	• Input: DC 5 V/2 A +/- 5%	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 95% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE • FCC • C-Tick	• Wi-Fi Certified • RoHS Certified

Order Information

Part Number	Description
DWR-116	Wireless N300 Multi-WAN Router

[1] Data rates are theoretical. Data transfer rate depends on network capacity and signal strength.
[2] Maximum wireless signal rate derived from IEEE Standard 802.11g and 802.11n specifications when used with related Wireless N 300 devices. 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 N product from D-Link.

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