

D-Link®

with **HD FUEL™**

amPLiFi
DUAL BAND
N+
600



HD Fuel™ for uninterrupted wireless HD video, gaming and Internet calls



Concurrent dual band connectivity for simultaneous video, gaming and Web surfing 300 + 300 Mbps¹



USB SharePort™ Plus and SD Card slot for accessing HD media and streaming USB devices

amPLiFi™

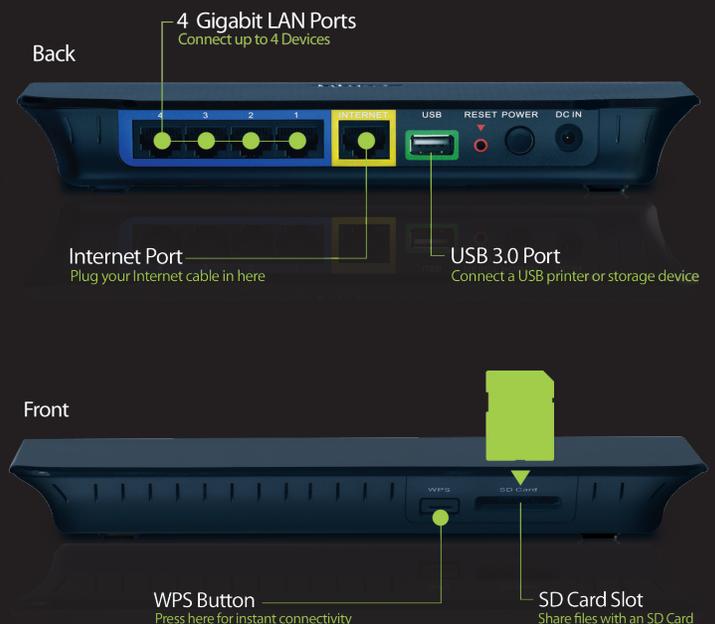
HD Media Router 2000

For uninterrupted HD media and gaming

DIR-827

Give Your Digital Entertainment The Bandwidth It Deserves. Give it HD Fuel.

Watch Netflix® play your Xbox® 360 online or make Skype® calls – HD Fuel technology lets you do it all, all at once – free of the annoying lags or glitches you might experience with standard routers. HD Fuel automatically manages traffic flow, and optimizes your broadband connection to give to high-bandwidth applications like HD video streams and online gaming applications the highest priority. HD Fuel also lets you manually select bandwidth priority by either application or device - making it the ultimate traffic management system. Stream multiple media content to multiple devices all at the same time – HD video, online gaming, large media file downloads – the HD Media Router 2000 delivers uninterrupted access to all your connected devices and keeps you in control of your digital entertainment.



Dual 300Mbps Bands = One Complete 600Mbps Home Network.

Build a wireless home network capable of delivering the bandwidth to handle HD video streams, large media file downloads, and online gaming to multiple devices, simultaneously. The HD Media Router is equipped with both 2.4 Ghz and 5 Ghz 300Mbps frequency bands, letting you share more of your wireless bandwidth with more devices. Eliminate glitches and lags and unleash comprehensive whole-home coverage on all your devices, all at once – the HD Media Router 2000 provides uninterrupted connectivity to any device, anywhere in your home or small office.

Give Your Favorite Devices Their Own Prioritized Gigabit Ethernet Port. They'll Love You For It.

Boasting transfer rates up to 600Mbps and HD Fuel to prioritize bandwidth, the HD Media Router also boasts 4 Gigabit Ethernet ports to ensure that up-to four (4) of your favorite wired devices get the bandwidth they deserve. HDTVs, The Boxee Box by DLink, xBox 360, Blu-Ray Players – connect them all, all at once. The HD Media Router 2000 organizes and manages your traffic flow and gets the most out of your broadband connection for seamless 1080p HD video streams and online gaming without annoying glitches or lags.

Now Playing: Everything.

HDTVs, the Boxee Box by D-Link, Blu-Ray Players, Playstation 3 – the HD Media Router 2000 has been engineered to not only deliver seamless connectivity to your favorite Ethernet-enabled devices, but ANY device. Connect Printers, USB devices - even security cameras - SharePort Plus USB 3.0 lets you connect to and stream from any USB drive. We've included an SD card slot for uploading HD media files like video and photo and with DLNA standard, the HD Media Router can connect to any device, automatically.

Advanced Home Networking. Simple Setup

High-performance entertainment devices. Wireless signals anywhere in your home. Multiple laptops. Network storage systems. iPads, iPhones – It used to be that designing a home network capable of handling so many devices required some serious hardware and some seriously messy installation. Not with Amplifi - the HD Media Router 2000 has not only been engineered with the power to handle all of your digital demands, but with the smarts to put it at the tip of your fingers. HD Media Routers offer Wireless G backwards compatibility and Wi-PnP technology for simple wireless connections through a USB drive. IPv6 allows for intelligent self-detect and router setup and with DLNA, the HD Media Router 2000 not only connects to any Ethernet-equipped device, but virtually any device, automatically.

128-bit Security Encryption

The HD Media Router 2000 protects your network with 128-bit AES data security encryption – the same technology used in E-commerce or online banking. Create your own network name and password or put it at the tip of your fingers with 'Push Button Security' standard on every Amplifi device. With hassle-free plug and play installation, and advanced Wi-Fi protected setup, the HD Media Router 2000 is not only one of the fastest routers available, it's also one of the safest.

Get Ready for the Future - IPv6 Equipped

With the growing number of Internet-enabled applications requiring IP addresses, the supply of IP addresses under the current Internet Protocol version 4 (IPv4) system has already been exhausted. The IPv6 protocol solves this network addressing exhaustion by creating more IP addresses, but migration from IPv4 to IPv6 is not necessarily automatic. No worries - This D-Link product is IPv6 Certified and ready for the future.



Features

- + IEEE 802.11n, 802.11g, and 802.11a Compliant
- + 4 Gigabit Ports for blazing Ethernet Speeds
- + WiPnP technology for easy wireless setup
- + USB 3.0
- + Shareport Plus Technology (USB Printer/Media NAS/UPnP AV Server)
- + Wi-Fi Protected Setup (WPS™) Push Button UPnP Support
- + SD Card Slot for accessing media, pictures and much more
- + HD Fuel for smooth video streaming and online gaming
- + D-Link Green
- + Parental Control powered by Open DNS
- + True Gigabit Connectivity
- + Supports IPv6
- + 24/7 Installation Support²
- + 1-Year Limited Warranty³

Think Green

While this may look like your average router, it's not. This is a D-Link Green™ router, which is as good for your wallet as it is for the environment. The DIR-827 is designed to conserve energy, protect our environment from harmful substances and reduce waste by using recyclable packaging. To learn more, visit www.dlinkgreen.com

D-Link Green™ Technology

- + Power saving by link status
- + Power saving by cable length

Technical Specifications

STANDARDS

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

PHYSICAL INTERFACE

- 4 Gigabit Ethernet Ports
- 1 WAN Port
- USB 3.0
- 1 SD Card Slot
- 1 WPS Push Button

ANTENNA TYPE

- Internal Antennas

SECURITY

- WPA
- WPA2
- WPS

ADVANCED FIREWALL FEATURES

- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)
- VPN Pass-through

LEDs

- Power
- WLAN (Wireless Connection)

POWER

- DC 12V

OPERATING TEMPERATURE

- 30° to 104° F (0° to 40° C)

OPERATING HUMIDITY

- 10% to 95% non-condensing

CERTIFICATIONS

- FCC Class B
- IPv6
- Wi-Fi

DIMENSIONS (L x W x H)

- 8.4" x 6.3" x 1.3" (21cm x 16cm x 3.3cm)

WEIGHT

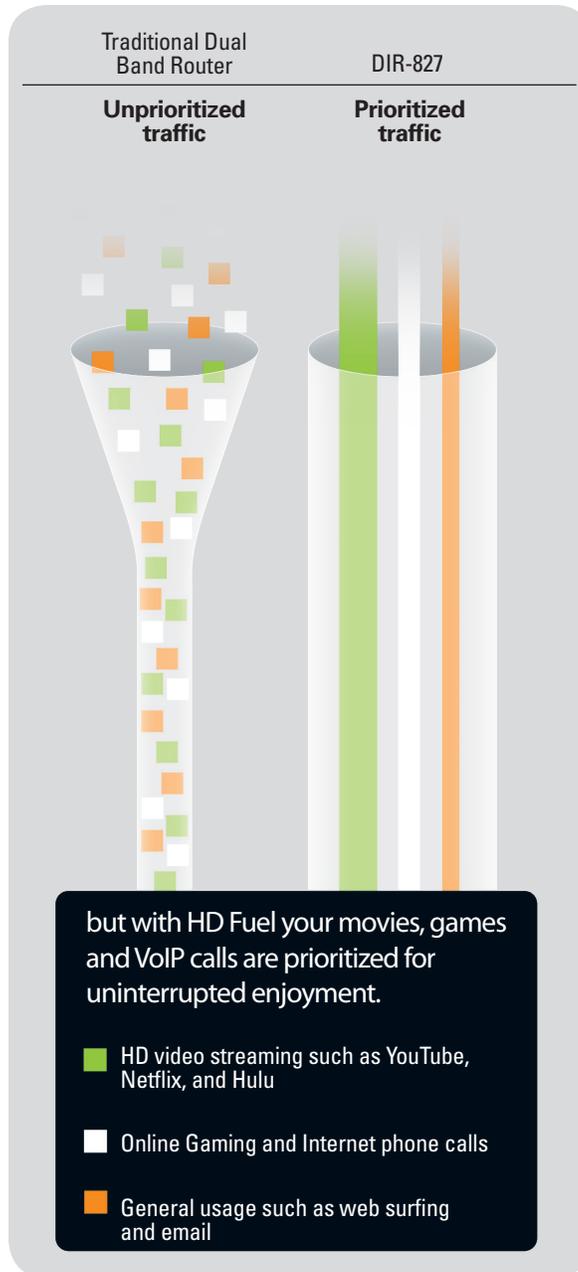
- 0.75 lb (341.5 g)

WARRANTY

- 1-Year Limited Warranty³



Your router receives different kinds of bandwidth requests all the time...



¹ 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's 802.11n devices.

² 24/7 Basic Installation Support is available only in the USA for the first 30 days from date of original purchase.

³ 1-Year Limited Warranty available only in the USA and Canada.

⁴ Computer must adhere to Microsoft's recommended system requirements.

⁵ Software included is not Mac-compatible.

⁶ Latest Software and Documentation available at <http://support.dlink.com>

All references to speed and range 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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For more help deciding which product to choose, scan this QR code with your Smartphone

Package Contents

- + HD Media Router 2000 (DIR-827)
- + Ethernet Cable
- + CD-ROM⁶
- + Power Adapter
- + Quick Install Guide

Minimum System Requirements

Computer with:

- + Windows[®] 7¹, Windows Vista^{®4}, Windows[®] XP SP2¹, Windows[®] 2000⁴, or Mac OS[®] X (v10.4)⁵
- + Internet Explorer[®] v6 or Mozilla[®] Firefox[®] v3.0
- + CD-ROM Drive
- + Network Interface Card

For Internet Access:

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

For optimal wireless, use with D-Link RangeBooster N[®] USB Adapter (DWA-140)

DIR-827