D-Link
Building Networks for People

Product Highlights

High-Speed Internet

Latest VDSL standards provide transmission rates of up to 100 Mbps downstream for a superb Internet experience

Complete Internet Solution

A total solution that helps you connect, share, and enjoy your Internet connection with a single device that's easy to set up and manage

Wireless AC Wave 2 and Gigabit Ethernet

Stream HD multimedia across your home without interruption using the fastest wired and wireless technologies available today

DSL-3785

Wireless AC1200 Dual-Band Gigabit ADSL2+/VDSL2 Modem Router

Features

Connectivity

- Built-in ADSL2+/VDSL2 modem for connecting to your high-speed broadband Internet connection
- Four Gigabit Ethernet LAN ports to connect wired devices for high-speed online activities
- One USB 2.0 port to share media from a storage device
- Dual firewalls

Wireless

- Fast 802.11ac wireless Wave 2 for high-speed connections to all of your PCs and mobile devices
- Wi-Fi Protected Setup (WPS) to quickly add devices to your network
- Industry standard WPA/WPA2 encryption

Ease of Use

- D-Link Easy Setup Wizard

The DSL-3785 Wireless AC1200 Dual-Band Gigabit ADSL2+/VDSL2 Modem Router is a versatile, high-performance router for the home and small office. With integrated VDSL, supporting download speeds of up to 100 Mbps, dual-active firewalls, Quality of Service (QoS), 802.11ac wireless LAN, and four gigabit Ethernet switch ports, the DSL-3785 provides all the functions that a home or small office needs to establish a high-speed connection to the Internet.

Fast and Reliable Home Network

The D-Link DSL-3785 creates a blazing fast home network that connects all of your devices to your broadband Internet connection. Concurrent dual-band 802.11ac Wave 2 brings you the future of high-bandwidth wireless connectivity, allowing you to stream HD video, make Internet voice calls, and surf the Internet from every corner of your home without interruption. Gigabit Ethernet ports provide high-speed wired connections for up to four PCs or other devices. Additionally, the fourth LAN port is multi-purpose, accepting both WAN and LAN Ethernet connections. This gives you the freedom to access the Internet via ADSL2+, Cable, or other connection types.

802.11ac Wave 2 for Improved Performance

The DSL-3785 features the updated 802.11ac Wave 2 specification, which improves on the bandwidth, range, and speed of 802.11ac Wave 1. The new and improved specification increases maximum speeds for the 5 GHz band and adds more channels for higher speeds and less RF interference. This means you can surf the web or make Internet phone calls on the 2.4 GHz band while streaming digital media on the 5 GHz band from another room with minimal lag and stutter. Moreover, with MU-MIMO allows the DSL-3785 act as a dedicated router for each wireless client, giving them a dedicated so everyone can stream media simultaneously with faster response times. All this adds up to a better networking experience throughout your SOHO network.

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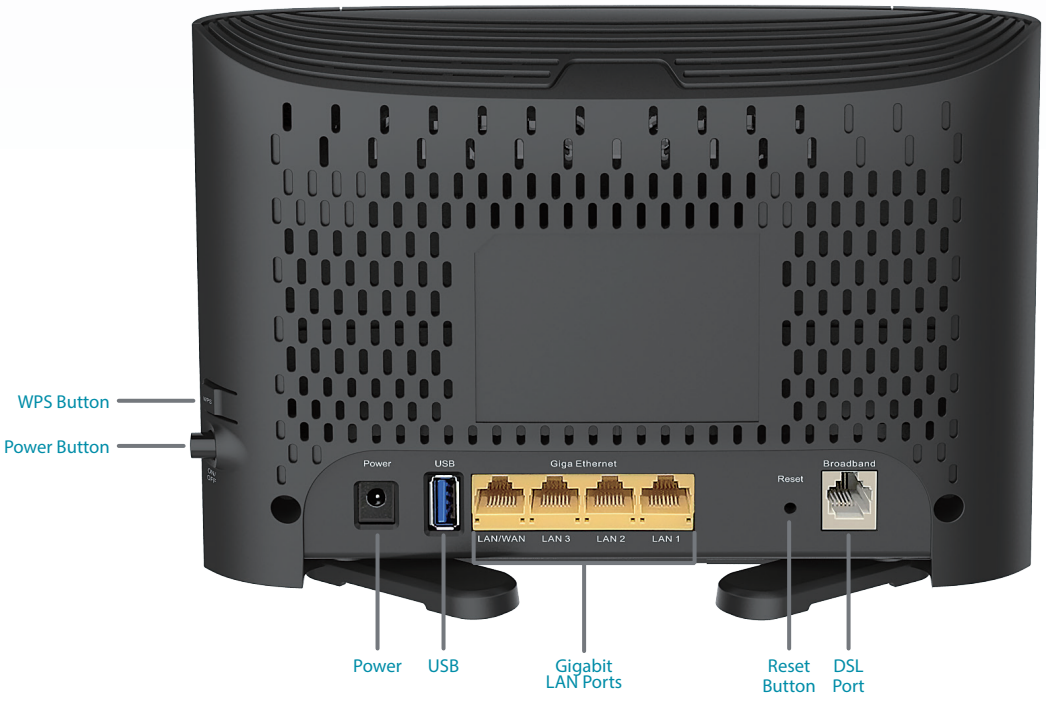
File Sharing Right at Your Fingertips

The DSL-3785 lets you connect a USB storage device and instantly share documents, movies, pictures, and music. You can put your music library on a USB drive and share it with your entire home. You can show photos on the living room TV while a family member watches a movie on their computer. You can stream media files to multiple devices without interruption, or save them to your device for offline playback. The intuitive interface lets anyone immediately access a variety of entertainment options when you connect your own storage device.

Easy to Set Up

Setting up the DSL-3785 is easy with the D-Link easy setup wizard. Simply open the setup utility and follow a few easy steps to get your home network up and running. You can also set up a WPA2 encrypted network with the touch of a button using Wi-Fi Protected Setup (WPS). To instantly connect devices using WPA2 wireless encryption, simply press the WPS button on each device.



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Technical Specifications

General

Device Interfaces	• One RJ-11 Broadband port • 802.11ac/n/g/b Wireless LAN • One multi-purpose Gigabit LAN/WAN port	• Three Gigabit Ethernet LAN ports • One USB 2.0 port
Antenna Type	• Two internal dual-band antennas	
ADSL/ADSL2/ADSL2+ Standards	• G.dmt • G.lite • G.hs • VBR	• ITU-T G.992.5 • ITU-T G.992.3 • ITU-T G.992.4
VDSL Standards	• ITU-T G.993.1 • ITU-T G.993.2	• 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a

Wireless Signal Rate	• 2.4 GHz
	  • 300 Mbps[1]
		• 5 GHz
		  • 866 Mbps[1]

Standards	• IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.11b	• IEEE 802.3 • IEEE 802.3u • IEEE 802.3az • IEEE 802.3x
Minimum System Requirements	• Windows XP SP3 or Mac OS X 10.4 or higher • Microsoft Internet Explorer 8 or higher, Edge 20.10 or higher, Firefox 20 or higher, Chrome 17 or higher, Safari 4 or higher, or other Java-enabled browser	• Ethernet or Wireless network interface • Subscription with an Internet Service Provider (ISP)

Functionality

Wireless Encryption	• WPA & WPA2 (Wi-Fi Protected Access)	• Wi-Fi Protected Setup (WPS)
Advanced Features	• Multi-language web setup wizard • DLNA media server support • Multiple PVC (up to 8)	• Dual active firewall • VPN pass-through/multi-session PPTP/L2TP/IPSec • 802.1p QoS

Physical

Dimensions	• 210 x 150 x 30.75 mm (8.27 x 5.91 x 1.21 inches)	
Weight	• 277.4 grams (9.78 ounces)	
Power	• Input: 12 V / 1.5A	• Included AC Adapter:100-240VAC
Temperature	• Operating: 0 to 45 °C (32 to 113 °F)	• Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• 10 % to 95 % non-condensing	
Certifications	• CE • Wi-Fi Certified	• LVD • RCM

Order Information

Part Number	*Description*
DSL-3785	Wireless AC1200 Dual-Band Gigabit ADSL2+/VDSL2 Modem Router

[1] Maximum wireless signal rate derived from IEEE Standard 802.11ac, 802.11n, 802.11g, and 802.11b 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 802.11ac devices.

Updated 2018/03/26

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