D-Link®
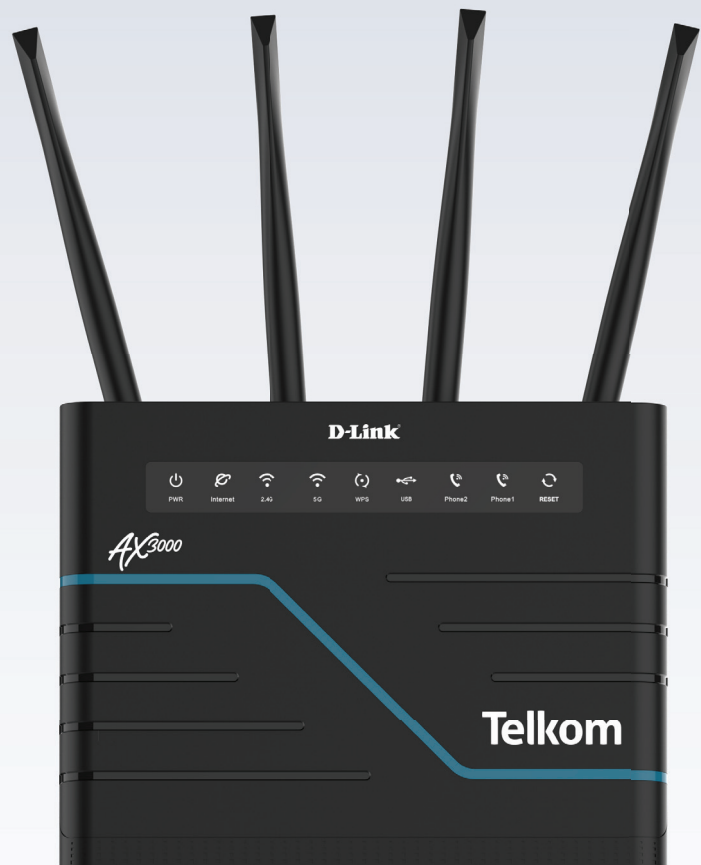
Product Highlights

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 AX and Gigabit Ethernet

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

Simple, Secure Setup

Set up the G2562DX in no time with the web-based setup wizard, and create secure wireless connections easily using Wi-Fi Protected Setup (WPS)

G2562DX
Wi-Fi 6 AX3000 4x Gigabit port Router with RJ-45/RJ-11 VoIP

Features

Connectivity
- Fast 802.11ax wireless for high speed connections to all of your PCs and mobile devices
- Gigabit WAN port supports high-speed Internet connections of today and tomorrow
- Four Gigabit LAN ports to connect wired devices for high-speed online activities
- Supports multiple WAN connections for flexibility, redundancy, and future connectivity
- USB 3.0 port to share media from a storage device

Security
- Wi-Fi Protected Setup (WPS) to quickly and securely add devices to your network
- WPA3/SAE Security encryption to secure your wireless traffic

Ease of Use
- Quick Setup Wizard

The G2562DX Wi-Fi 6 AX3000 4x Gigabit Port Router with RJ-45/RJ11 VoIP is a highly integrated router with everything your home or small business needs for high-speed Internet access. It combines a Fibre router, Gigabit Ethernet Internet Port, support, Voice over IP (VoIP), and Gigabit wireless together in a single, easy to use product that shares an Internet connection for all your devices.

Fast and Reliable Home Network

The G2562DX Wi-Fi 6 AX3000 4x Gigabit Port Router with RJ-45/RJ11 VoIP creates a blazing fast home network that connects all of your devices to your broadband Internet connection. Concurrent dual-band 802.11ax 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. It's stylish, easy to use, and provides you with a reliable network for today and tomorrow.

Designed for Optimal Wireless Coverage

The G2562DX's antennas have been carefully designed to ensure that you will get little to no dead space in any environment. The high-powered amplifier send the signal into the farthest corners of your home. Furthermore, the G2562DX Wi-Fi 6 AX3000 4x Gigabit Port Router with RJ-45/RJ11 VOIP's multiple external antennas improve wireless reception by bringing signals to where they are most needed to achieve the best possible performance.

Voice Over IP

The G2562DX provides Voice over IP technology with advanced communication features, and is compatible with industry-wide phone services so you can make and receive calls reliably. Use the FXS phone port on the G2562DX to connect an ordinary phone set for your VoIP phone calls, and use the router functions to connect all of your family members or personel to the Internet for a fast and secure online experience throughout your home or office.

Smooth Streaming with Wireless AX

The G2562DX uses the latest Wireless AX technology, which provides transfer rates of up to 3 Gbps[1]. The router operates on both the 2.4 GHz and 5 GHz wireless bands at the same time using concurrent dual-band technology and three external antennas. This allows you to browse the web, chat and e-mail using the 2.4 GHz band, while simultaneously streaming digital media, playing online games, or making Internet voice calls on the 5 GHz band.

File Sharing Right at Your Fingertips

The G2562DX 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 connect to a variety of entertainment options stored securely on your own storage device.
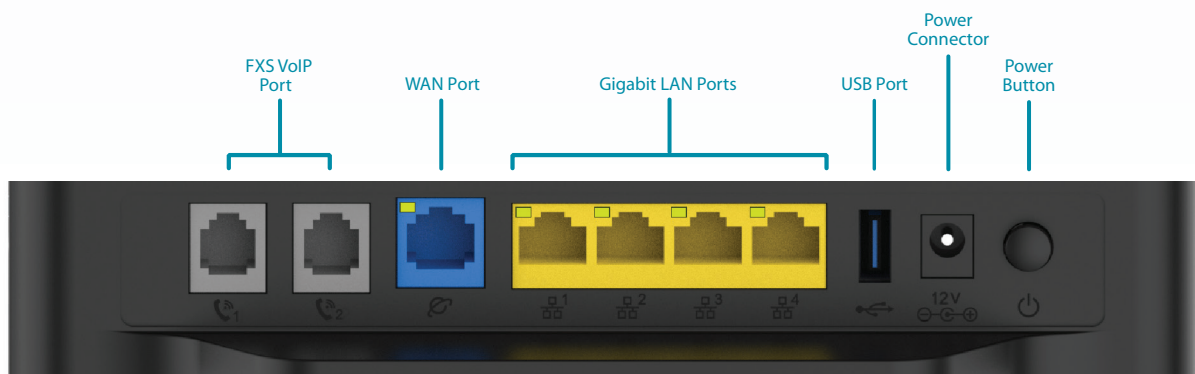
Easy to Set Up and Secure

Setting up the G2562DX is easy with the D-Link 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 secure network with the touch of a button using Wi-Fi Protected Setup (WPS). Simply press the respective WPS buttons on each devices to instantly establish a secure connection to a new device. Rest assured that your network is secure with WPA3/SAE wireless encryption and built-in dual active firewalls (SPI and NAT) so you can shop online and do your online banking with confidence.

Secure and Smooth Transmissions

The D-Link G2562DX Wi-Fi 6 AX3000 4x Gigabit Port Router with RJ-45/RJ11 VoIP has built-in dual active firewalls (SPI and NAT) so you can shop online and do your online banking with confidence. It is also equipped with WPA3 wireless security and access control to protect your network from unauthorized access and outside threats so you can use the Internet with confidence. In addition, QoS priority queues and packet prioritization minimize traffic congestion and deliver smooth VoIP and streaming media, providing you with the best possible Internet experience.

Back View

FXS VoIP Port · WAN Port · Gigabit LAN Ports · USB Port · Power Connector · Power Button

Technical Specifications

General

Device Interfaces	• 4x 10/100/1000 Gigabit LAN Ports • 10/100/1000 Gigabit WAN Port • 2x FXS RJ11 VoIP Port • Reset Button	• Power Button • USB 3.0 Port • Wireless On/Off Button • WPS Button
Antenna Configuration	• 2x 5dbi 2.4G WIFI External omnidirectional antenna (Detachable) • 2x 5dbi 5.8G WIFI External omnidirectional antenna (Detachable)	

Data Signal Rate	• 2.4 GHz
	  • 600 Mbps [1]
		• 5 GHz
		  • 2400 Mbps [1]

Standards	• IEEE 802.11ax • IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.11b	• IEEE 802.11a • IEEE 802.3u • IEEE 802.11h(dfs) • IEEE 802.11e(wmm) • IEEE 802.11k/v/r
Minimum System Requirements	• Windows 11/10/8/7/Vista/XP or Mac OS X 10.3 or higher • Microsoft Internet Explorer 9, Firefox 23, Chrome 28, Safari 7, or higher or other Java-enabled browser	• Ethernet or Wireless Network Interface • Subscription with an Internet Service Provider (ISP)
Network Protocols	• RFC0768 UDP • RFC0791 IP • RFC0792 ICMP • RFC0793 TCP • RFC0826 Ethernet ARP • RFC0894 IP over Ethernet • RFC0922 Broadcasting Internet Datagrams • RFC0950 Internet Standard Subnetting	• IEEE802.3 Ethertype • IEEE802.1p • RFC2516 PPP Over Ethernet (PPPoE) • RFC1662 PPP in HDLC-like Framing • RFC1332 PPP Internet Protocol Control Protocol • RFC1042 Transmission of IP Datagrams over IEEE 802 Net • IPoE (a.k.a IP over Ethernet over AAL5)

Functionality

Security	• WPA3/SAE Security (Wi-Fi Protected Access)	• Wi-Fi Protected Setup (WPS) - PIN/PBC
Netowork Features	• IPv4/IPv6 dual stack • 6RD • IPoE Bridge Mode • IPoE DHCP/Static • PPPoE Dynamic/Static • IPv6 Stateless/Stateful	• PPTP, L2TP GRE IPSEC VPN • IGMP proxy and MLD for IPTV • DNS Proxy • DHCP server • NAT,NAPT and ALG
Other Features	• QOS Flow Control • Samba/DLNA/FTP • NAT,NAPT and ALG • DMZ and Port forwarding(Virtual server) • SPI Firewall, Denial of Service (DoS) protection • Port filtering, IP filtering and MAC filtering • URL filter	• DDNS • Static route • SNTP Date/time update from Internet Time Server • Diagnostics(Ping/TraceRoute) • Logs and statistics • Automatic timing restart • EasyMesh
Management Features	• WEB GUI • Command line tools(telnet/ssh) • TR-069 remote mangagment	• SNMPv2 • UPNP

Physical		
Dimensions	• 210 x 150 x 37 mm (8.26 x 5.91 x 1.46 inches)	
Weight	• 475.7 grams (1.05 pounds)	
Power	• Input: 100 ~ 240 V	• Output: 12 V / 1.5 A
Temperature	• Operating: 0 to 40 °C	• Storage: -30 to 70 °C (-4 to 158 °F)
Humidity	• 5 % to 95 % non-condensing	
Certifications	• CE • UL	• RoHS

Order Information	
Part Number	Description
G2562DX	Wi-Fi 6 AX3000 4x Gigabit Port Router with RJ-45/RJ-11 VoIP

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

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