

AX1800 Wi-Fi 6 ADSL2/VDSL2+ Modem Router with VoIP

DSL-X1852E

- Wi-Fi 6 (802.11ax) technology provides faster speeds, greater capacity and less network congestion
- Wi-Fi speeds up to 1.8 Gbps (600 + 1200) built for the modern device-dense smart home
- Dual-band Wi-Fi makes 4K streaming, gaming and video chatting a breeze
- 4 Gigabit Ethernet LAN ports and 1 Gigabit Ethernet WAN port provide optional wired connectivity
- BSS coloring helps organize data packets, making your network more efficient and improving overall Wi-Fi 6 performance
- Voice over IP technology with advanced communication fetures



Wi-Fi 6

Perfect for 4K streaming, VR gaming, video calling and keeping all your smart home devices connected



D-Link Wi-Fi

Seamlessly connects your devices to the strongest signal as you move from room to room



OFDMA

Perfect for Smart Homes filled with bandwidth-hungry IoT devices battling for bandwidth



Smart Steering

Automatically steers your devices to the optimal wireless band, ensuring you're always connected to fast, reliable Wi-Fi



Profile-based Parental Controls

Assign devices to profiles to individually block websites, set schedules for access



Voice Over IP

Connect ordinary phone sets to the FXS ports to make VoIP phone calls

General

Device Interfaces	4 x Gigabit Ethernet LAN ports, 1 x Gigabit Ethernet WAN port, 1 x RJ-11 xDSL port, 2 x FXS VoIP ports, 1 x USB 3.0 port, IEEE 802.11 ax ¹ /ac/n/g/b/a wireless LAN
LED	Power, WAN, DSL, Internet, LAN, 2,4GHz Wi-Fi, 5GHz Wi-Fi, WPS, USB, Phone
Antenna Type	Four external antennas
Wi-Fi Data Rate	2.4 GHz Up to 600 Mbps ² , 5 GHz Up to 1200 Mbps ²
IEEE Standard	IEEE 802.11ax/ac/n/g/b/k/v/a, IEEE 802.3u/ab
ADSL Features	T1.413i2, G.992.1, G.dmt, G.992.2, G.lite, G.992.3 (G.bis/ADSL2), G.992.5 (ADSL2+), ITU G.994.1 (G.hs), Annex L (Reach Extended ADSL2)
VDSL Features	ITU-T G.993.5 VDSL2, 8a, 8b, 12a, 12b, 17a, 30a, 35b profiles, G.vector, ATM, PTM, G.INP, ATM forum UNI3.0, 3.1, 4.0 permanent virtual circuits (PVCs), CBR, UBR, VBR-rt, VBR-nrt, multiple PVCs, ITU-T i.610F4/F5 OAM
Minimum Requirements	Windows 10/8.1/8/7/Vista or Mac OS X 10.6 or higher, Supports Internet Explorer 10/Firefox 28.0/Chrome 28.0/Safari 6.0 and up, Network Interface Card

Functionality

Security Protocol	WPA2 (Wi-Fi Protected Access), WPA3(Wi-Fi Protected Access), WPS (Wi-Fi Protected Setup)
IP Protocol	IPv4, IPv6
Firewall	DoS, Stateful Packet Inspection, Anti-spoofing Checking, IP/MAC Address Filtering, 1 x DMZ
QoS	D-Link Intelligent QoS Technology
Speed Test	Ookla SpeedTest

Software

Device Management	Web UI
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Physical

Dimensions	251.64 x 166.47 x 194.18 mm (9.90 x 6.55 x 7.64 in)
Weight	485.6 grams (1.073 pounds)
Power Adapter	12V/2A
Operating Temperature	5 to 40 °C
Storage Temperature	-20 to 70 °C
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Certifications	CE , RCM, Telepermit

Ordering Information

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¹ The DSL-X1852E may not support all of the mandatory features, established in Wave 1 of the IEEE 802.11ax specifications

² Maximum wireless signal rate derived from IEEE Standard 802.11ax specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

