

DSL-2877

D-link DSL-2877AL ADSL2+ Modem + Wireless Router

Product Overview

D-link DSL-2877AL ADSL2+ Modem + Wireless Router - vertical design for space saving, gigabit+RJ-11 dual wan port + 4x 10/100 LAN + 2x USB 2.0 for print/storage sharing, 2.4/5GHz dual band, 802.11AC, 750mbps (433+300); with WPS button, 64/128bits WEP, WPA+WPA2; 3x external antenna. Broadband: ADSL2+



Specifications

Features:

High-Speed Wired and Wireless Connectivity

The DSL-2877AL Dual Band 11ac ADSL2+ Four Port Wireless Router uses the latest high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 750 Mbps and increased range. Enjoy streaming media, Internet phone calls, online gaming, and content-rich web surfing throughout your home. In addition, four Fast Ethernet ports give you solid, dependable wired performance for devices such as media centers and game consoles. The built-in Quality of service (QoS) engine allows you to prioritize important traffic to ensure that your favorite applications are receiving optimal bandwidth.

Dual-Band Wireless for Seamless Performance

The DSL-2877AL features dual-band wireless, allowing you to operate two concurrent, high-speed Wi-Fi bands for ultimate wireless performance. Surf the web, chat, and play online games on the 2.4 GHz band, while simultaneously streaming digital media on the 5 GHz band. What's more, each band can operate as a separate Wi-Fi network, giving you the ability to customize your network according to your connectivity needs. You can even configure a guest zone to give visitors Internet access without giving them access to the rest of your network.

Easy to Set Up, Easy to Secure

Sharing your Internet connection doesn't have to be a complicated process; just open a web browser to access the setup wizard and follow the easy step-by-step instructions to get started. Implement WPA/WPA2 wireless security in minutes with the wireless network setup wizard, or use Wi-Fi Protected Setup (WPS), which establishes a secure connection to new devices without the need to enter settings or create passwords. In addition, the built-in firewall protects against malicious attacks from the Internet, and access control features allow you to restrict access to your network.

Specifications:

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Specifications

Product Code	DSL-2877
Device Interfaces	10/100/1000 Gigabit Ethernet WAN port
	802.11 ac/n/g/b Wireless LAN
	Four 10/100 Fast Ethernet LAN ports
	RJ-11 ADSL port
	Two USB 2.0 ports
ADSL Compliance	ADSL Standards
	Multi-mode
	Full-rate ANSI T1.413 Issue 2
	ITU-T G.992.1 (G.dmt) Annex A/C/I
	ITU-T G.992.2 (G.lite) Annex A/C
	ITU-T G.994.1 (G.hs)
	ADSL 2 Standards
	ITU-T G.992.3 (G.dmt.bis) Annex A/J/K/L/M
	ADSL 2+ Standards
	ITU-T G.992.5 Annex A/L/M
ATM/PPP Support	Multiprotocol over AAL5 (RFC 1483/2684)
	Bridged and routed Ethernet encapsulation
	LLC encapsulation
	VC-based multiplexing
	ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs)
	ATM Cell Format ITU-T Rec. I.361
	ATM Adaptation Layer Type 5 (AAL5)
	PPPoA (RFC2364)
	PPPoE (RFC2516)
	PPP Link Control Protocol (RFC 1661)
	Internet Protocol Control Protocol (RFC 1332)
	PPP Authentication Protocol (RFC 1334)
	PPP Challenge Handshake Authentication Protocol (RFC 1994)
	Microsoft PPP CHAP extensions (RFC 2433)

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Product Specification Sheet

WLAN Specifications	802.11 n/g/b, up to 300 Mbps
	802.11 ac/a, up to 433 Mbps
	Wi-Fi Protected Setup (WPS)
	Multiple SSIDs
	Automatic rate adapting
	WAN scheduling
	Auto channel selection
	WMM support
	64-bit & 128-bit WEP
	WPA-PSK & WPA2-PSK
	MAC address filtering

Network Services	IPv4
	DHCP server/client/relay
	DNS relay
	Dynamic DNS (DDNS)
	Routing Information Protocol (RIP) v1/v2
	NAT AGLs
	PPTP
	L2TP
	FTP
	RTSP (RealTime Streaming Protocol)
	SIP v1/v2
	IPsec
	Internet Control Message Protocol (ICMP)
	Virtual server (Port forwarding)
	Simple Network Time Protocol (SNTP)
	802.1d MAC Bridge (up to 256*8 MAC addresses)
	QoS
	IPP/ToS
	DSCP QoS in 4-priority queues
	Application QoS in 4-priority queues
	Strict priority
	VLAN QoS in 4-priority queues
	QoS remarking based on IPP/ToS, DSCP and 802.1p
	TOS transparency through NAT
	Mapping to queue according to DSCP bits and physical port
	802.1Q
	IGMP proxy v1/v2
	IGMP snooping v1/v2/v3
Standards	IEEE 802.11ac
	IEEE 802.11n
	IEEE 802.11g
	IEEE 802.11b
	IEEE 802.3
	IEEE 802.3u
Universal Plug and Play Support	UPnP based auto-configuration
	UPnP based port forwarding
	UPnP IGD 1.0

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Product Specification Sheet

Security	Attack Prevention
	Port scanning & illegal packet attack
	DoS Attack
	SYN Flooding
	Ping of Death
	Teardrop
	LAND attack
	IP Spoofing
	IP with zero length
	Smurf Attack
	TCP Null Scan
	Stateful Packet Inspection (SPI)
	Management Access Control for LAN/WAN sides
	IP filtering
	MAC filtering
	URL filter
	Demilitarized Zone (DMZ)
Device Management	Web configuration
	Telnet management
	Webpage/X-Modem/FTP/TFTP firmware upgrade
	Diagnostic tools for ADSL and IP Ping
	One Touch Setup wizard
Advanced Features	Multi-language web setup wizard
	UPnP support
	802.1p QoS
	VPN pass-through/multi-session PPTP/L2TP/IPSec
	Dual-active firewall
	Network Address Translation (NAT)
	Stateful Packet Inspection (SPI)
Dimensions	198 x 146 x 54 mm
Weight	302 grams
Temperature	Operating: 0 to 40 degreesC
	Storage: -20 to 65 degreesC
Humidity	5 % to 95 % non-condensing

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Product Specification Sheet

Certifications	CE
	Wi-Fi
	RCM
	Wi-Fi Protected Setup (WPS)
	A-Tick
	C-Tick

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/DSL-2877-D-link-DSL-2877AL-ADSL2-Modem-Wireless-Router-Buy-p-246482.php>

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