

Product Highlights

Global Mobile Broadband

3G/4G mobile connectivity lets you take your broadband connection with you wherever you go

High-speed Connectivity

Enjoy high-speed wireless IEEE 802.11ax with speeds of up to 1500 Mbps, so that you can access the Internet and transfer data quickly

Strong Security and Encryption

A variety of powerful, yet easy to set up security tools that keep connections private and secure at all



DWR-M961

Cat 6 AX1500 4G LTE Router

Features

Connectivity

- 10/100/1000 WAN port to connect to the Internet
- Three 10/100/1000 Ethernet LAN port to connect wired devices for high-speed activities
- SIM card slot for a mobile broadband connection
- Wireless 802.11 a/b/g/n/ac/ax

Security

- Supports WPA/WPA2/WPA3-PSK encryption
- Dual-active firewalls (NAT/SPI) to control traffic and prevent exploits and intrusions

D-Link's DWR-M961 Cat 6 4G AX1500 LTE Router allows you to access mobile broadband networks from anywhere. Once connected, you can check e-mail, surf the web, and stream media. Use your carrier's SIM/UICC card to share your 3G/4G Internet connection through a secure wireless network or by using any of the three 10/100/1000 Ethernet ports.

Fast Mobile Internet

The DWR-M961 lets you connect to your 3G/4G mobile connection with fast downlink speeds of up to 300 Mbps and uplink speeds up to 50 Mbps, giving you the speed you need for fast, responsive Internet access. Surf the web with ease and stream music and video over the Internet to your PCs and mobile devices.

Secure Wired and Wireless Connections

The DWR-M961 utilizes dual-active firewalls (SPI and NAT) to prevent potential attacks across the Internet. Industry standard WPA/WPA2/WPA3 wireless encryption keeps your wireless network secure and your traffic safe, allowing you to share your 3G/4G connection without worrying about unauthorized users accessing your network.

Easy to Set Up and Use

The DWR-M961 can be installed quickly and easily almost anywhere. It can be configured through almost any web browser without the need for special software. This router makes it possible to stay connected, even when conventional broadband services are unavailable.

Technical Specifications	
Hardware Specifications	
CPU	RTL8197H(CPU)+RTL8832XBR(5G WiFi)+RTL8367RB-VC(Switch)
LTE modem	<p>ASR1828 solution</p> <p>CAT6 LTE speed (DL/UL:300Mbps/50Mbps)</p> <p>Bands:</p> <p>FDD:B1/3/5/7/8/20/28/32</p> <p>TDD:B38/40/41</p> <p>WCDMA:B1/5/8</p> <p>DL 2CA:</p> <p>CA_1A-1A,CA_1A-3A,CA_1A-5A,CA_1A-7A,CA_1A-8A,CA_1A-20A, CA_1A-28A,CA_1A-40A,CA_1A-41A,CA_3A-3A,CA_3A-5A, CA_3A-7A,CA_3A-8A,CA_3A-20A,CA_3A-28A,CA_3A-38A, CA_3A-40A,CA_3A-41A ,CA_5A-7A,CA_5A-40A,CA_5A-41A, CA_7A-7A,CA_7A-8A,CA_7A-20A,CA_7A-28A,CA_8A-40A,CA_8A-41A, CA_20A-32A,CA_20A-38A, CA_28A-40A,CA_28A-41A, CA_38C,CA_40C,CA_41C</p>
Memory/Flash	128MB(can support up to 512MB)/128MB
Interface	WAN Port: 1 x 10/100/1000 Mbps auto MDI/MDI-X RJ45 port
	LAN Port: 3 x 10/100/1000 Mbps auto MDI/MDI-X RJ45 port (LAN1~3)
	LTE WAN LTE CAT6 modem
Antenna	Gain: 2x5dBi 2.4g&5g external antenna
	2x5dBi LTE external antenna
Button	<p>1 x reset/WPS button</p> <p>1 x Power button</p>
LED Indicators	Power / Internet / ETH / 2.4G / 5.8G / 4xLTE Strength
Material	Plastic
Dimensions (W x D x H)	164*101*187 mm (W x D x H)
Net Weight	180.5g
Gross Weight	232.7g
Power Requirement	12V DC, 1A
Power Consumption	10W

Wireless Interface Specifications	
Standard	IEEE 802.11ax 5GHz IEEE 802.11ac 5GHz IEEE 802.11a/n 5GHz IEEE 802.11b/g/n 2.4GHz
Frequency Band	Simultaneous 2.4GHz and 5GHz
Modulation Type	OFDM with BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation DSSS with DBPSK and DQPSK, CCK modulation with long and short preamble
Data Rates	2.4GHz up to 300Mbps 5GHz up to 1200Mbps
Channel	2.4GHz FCC (America): 2.412~2.462GHz (11 Channels) ETSI (Europe): 2.412~2.472GHz (13 Channels)
	5GHz 5150~5250MHz 5250~5350MHz 5470~5725MHz 5725~5825MHz *The actual channels in application will vary depending on the regulation in different regions and countries.
Channel Width	802.11ax/ac: 20/40/80MHz 802.11n: 20/40MHz
Max. RF Power / EIRP	2.4GHz: < 30dBm 5GHz: < 30dBm
Receive Sensitivity	802.11b: -85dBm 802.11g: -73dBm 802.11n: -67dBm 802.11ac: -62dBm 802.11ax: -60dBm
SSID	2.4GHz: 1 Root SSID and 4 Guest SSID 5GHz: 1 Root SSID and 4 Guest SSID
Wireless Management Features	
Encryption Security	WEP, WPA2, WPA2 Mixed, WPA3, WPA2+WPA3 Mixed
Wireless Security	Wireless ACL MAC address filtering
	Supports WPS (Wi-Fi Protected Setup)
	Wireless Schedule
Max. Supported Clients	2.4GHz wireless: 32

	5GHz wireless: 32
Wireless Extender	Supports repeater
Features	QAM-1024, OFDMA, MU-MIMO, BSS coloring
Functions	Support Easymesh (controller, agent), site survey, TX Beamforming, SSID hidden, signal intensity regulation
Router Features	
Internet Connection Type	<p>Shares data and Internet access for users, supporting the following Internet accesses:</p> <ul style="list-style-type: none"> ■ 2G/3G/LTE Mobile network ■ ETH Router mode <ul style="list-style-type: none"> ->IPoE(DHCP)/ Static IP ->Bridge ->PPPoE ->6rd ->6in4 ->6to4 ■ L2TP ■ PPTP ■ GRE ■ 802.11Q VLAN ■ Bridge bind LAN ■ Multi Wan
Working mode	Gateway, Bridge, Repeater
Firewall	NAT firewall, SPI firewall, DOS, ALG
	IP Filtering
	MAC Filtering
	URL Filtering
ALG	SIP / RTSP / IPsec / PPTP / L2TP
NAT	DMZ / Port Forwarding / UPNP
LAN	DHPC Server
	DHCP Client
	Address reservation
	Domain Name
3G<E	<p>Supports 3G or LTE technology</p> <p>Supports auto and manual APN settings</p> <p>Supports Fail-Over backup</p>
System Management	Web-based (http and https) management interface

	Remote management control(WAN Access Control)
	SNMP
	TR069(support data model TR098, TR181, TR143, STUN)
	DDNS
	SNTP synchronization
	System log
Other	IGMP Proxy QoS, bandwidth control Dos Ping/Traceroute Diagnostic Auto reboot
Standards Conformance	
IEEE Standards	IEEE 802.11ax IEEE 802.11ac IEEE 802.11n IEEE 802.11g IEEE 802.11b IEEE 802.11i IEEE 802.3 IEEE 802.3u IEEE 802.3ab IEEE 802.3az IEEE 802.3x IEEE 802.3p IEEE 802.3q
Other Protocols and Standards	TCP/IP, IPV6, DHCP, RADVD, DHCPv6, ICMP, NAT, PPPoE, PPPoEv6
Environment	
Temperature	Operating: 0 ~ 40 degrees C Storage: -40 ~ 70 degrees C
Humidity	Operating: 10 ~ 90% (non-condensing) Storage: 5 ~ 95% (non-condensing)
Certification	CE