D-Link

5G AC2600 Wi-Fi Router

Experience 5G connection speeds up to 1.6 Gbps (theoretical value) and high-speed Wi-Fi up to 2.6 Gbps (theoretical value) on all your connected devices throughout your home.

5G

DWR-978

- **Next generation 5G connectivity speeds up to 1.6 Gbps[1] (theoretical value)**
- **Built-in Wi-Fi AC2600 distributes high-speed, high-performance Wi-Fi to all your connected devices[2]**
- **Dual-band Wi-Fi with MU-MIMO technology makes 4K streaming, VR gaming or video chatting a breeze**
- **4 Gigabit Ethernet LAN ports and 1 Gigabit Ethernet WAN port**
- **Connect up to 128 devices to your home Wi-Fi network**
- **Two External Antenna help achieve optimal network performance (detachable)**
- **Latest Wi-Fi security with 128-bit encryption**

1.6 Gbps / 150 Mbps

High-speed 5G Internet

Connect with next-generation 5G speeds up to 1.6 Gbps (theoretical value) and experience lightning-fast downloads, lower latency and reduced congestion

Dual-Band AC2600

1732 Mbps (5 GHz) + 800 Mbps (2.4 GHz) - Plenty of bandwidth for video streaming, cloud storage, social media, and downloading

GIG

Gigabit Ethernet Ports

High-speed connections for wired devices and wired broadband

DEVICES

Up to 128 Devices

Connect all of your home's Wi-Fi devices to share a single broadband connection

SIM Slot

Simply insert you SIM card to share your mobile broadband connection throughout the home

IPv6

Supports IPv6

Future-proof and compatible with the next generation of Internet standards

Technical Specifications

General

Device Interfaces	4 x 10/100/1000 Gigabit Ethernet LAN Ports, 1 x 10/100/1000 Mbps Gigabit Ethernet WAN port, 1 x USB 2.0 Port, 1 x LTE SIM/USIM Slot, 1 x Reset Button, 1 x WPS Button, 1 x Power Port
LED	Power, WAN, WLAN, Phone, LAN, 3G, 4G LTE, 5G
Antenna Type	2 x 2.4 GHz WLAN Internal Antenna, 2 x 5 GHz WLAN Internal Antenna, 2 x 2 LTE External Antenna, 2 x 2 LTE Internal Antenna
Wi-Fi Data Rate (theoretical value)	5 GHz Up to 1732Mbps, 2.4 GHz Up to 800Mbps
Wireless IEEE Standard	IEEE 802.11 ac/n/g/b/k/v/r
Data Signal Rate (theoretical value)	5G NR/LTE to GE LAN max data rate up to 900 Mbps, 5G NR/LTE to 2.4 GHz WLAN max data rate up to 500 Mbps, 5G NR/LTE to 5 GHz WLAN max data rate up to 600 Mbps, 2.4 GHz WLAN to GE LAN max up to 600 Mbps, 5 GHz WLAN to GE LAN max up to 1 Gbps
WAN Interface	DHCP, Static IP, PPPoE (PPPoE Pass-through), PPTP, L2TP, IPsec (VPN Pass-through), DS-Lite, Support Dual Access PPPoE, L2TP, PPTP for Russia, Support 802.1p & 802.1p VLAN tagging and Priority bit, Concurrent session: 32000

Functionality

Security Protocol	WEP (128bits), 802.11i 128-bit TKIP/AES
Firewall	DoS , Stateful Packet Inspection , Anti-spoofing Checking, IP/MAC Address Filtering , DMZ

Software

Device Management	Web UI

Physical

Hardware version	A1
Size	234.5 x 245 x 55.25 mm (9.23 x 9.64 x 2.18 in)
Weight	920 g (2.03 lbs)
Power Input	12 V 4 A
Operating Temperature	0 to 40 °C (32 to 104 °F)
Storage Temperature	-10 to 70 °C (14 to 158 °F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Certifications	CE , EMC, Safety , RoHS

Band Frequency

5GNR Sub6 GHz	n1, n2, n3, n5, n7, n8, n12, n20, n28, n41, n66, n71,n77,n78, n79
LTE Cat20 FDD	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B66, B71
LTE Cat20 TDD	B34, B38, B39, B40, B41, B42, B43, B46, B48
WCDMA	B1, B2, B3/9, B4, B5/6/19, B8

Band Frequency (CE certified)

5GNR Sub6 GHz	n1, n3, n20, n28, n78
LTE Cat20 FDD	B1, B3, B7, B8, B20, B28
LTE Cat20 TDD	B38
WCDMA	B1, B8

Order Information

DWR-978	5G AC2600 Wi-Fi Router

[1]Theoretical values only. Mobile broadband speeds will vary and are dependent on a range of factors including network configuration, network capacity, signal strength, and the conditions of your mobile broadband subscription. [2]Maximum wireless signal rate derived from IEEE Standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, as well as network overhead, can lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

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