# AX1800 5G Mobile Wi-Fi 6 Hotspot

**DWR-710V**

Built with the most advanced 5G chipset for more stable & high speed performance, the DWR-710V turns a 5G or 4G/LTE signal into dual-band Wi-Fi 6 for up to 64 users. A 2.8" touchscreen and 10000 mAh battery make it ready for travel, remote sites and backup connectivity.

- Built-in Wi-Fi 6 mobile hotspot distributes high-speed, high-performance Wi-Fi to all your connected devices
- Built-in 5G full-band antenna, 360° signal reception for superior connectivity, radiation radius of more than 15 meters
- Support 2.4G and 5G bands
- Support SA and NSA operation modes
- Support WPA3 encryption for more protection
- Support WebGUI management and configuration
- Support 64 surfing users
- SIM card slot supports 5G or 4G/LTE

## 5G speed, anywhere you go

**5G high-speed internet**
NSA up to 2.5 Gbps DL / 700 Mbps UL; SA up to 2.3 Gbps DL / 625 Mbps UL

**Wi-Fi 6 AX1800**
Dual-band concurrent 573.6 Mbps on 2.4G plus 1201 Mbps on 5G

**Multi-device connection**
Support 64 surfing users across both bands

**WPA3 encryption**
Active interception to eliminate the risk of being hacked

**10000mAh battery**
Extended power on the go.

**2.8" touchscreen**
TFT colour display with touch panel and local Web GUI

D-Link

# Technical Specifications

| Basic Specs | |
|---|---|
| Size | 141 mm x 71 mm x 18 mm |
| Weight | 245g |
| LCD | 2.8" TFT / SPI / RGB 240*320 dots |
| Touch TP | Support Touch TP |
| Interface | 1 USB Type C, USB 2.0 |
| USIM & SIM | 4FF Standard 8PIN, eSIM (Optional) |
| Buttons | Power + WPS + Reset (hole) |
| Charge | Type-C, 5V/2A = 10W |
| Power Battery | 10000mAh |
| Antennas | Internal LTE, diversity, Wi-Fi and 5G antennas |
| Temperature | Working: -10 ℃ ~ 40 ℃; Storage: -40 ℃ ~ 70 ℃ |
| Humidity | Working: 40 ℃ / 90–95%; Storage: 10 ~ 95% |
| Starting Up Time | Less than 45s from starting up to connecting to internet |

| System Platform & Memory | |
|---|---|
| Platform | V610 |
| System | Linux |
| Memory | 4Gb DDR4, 2Gb NAND |

| RF Specification | |
|---|---|
| WCDMA | B1/B5/B8 |
| 4G LTE | B1/3/5/7/8/20/28/34/38/39/40/41/42/43 |
| 5G NR | n1/3/5/7/8/20/28/38/40/41/71 (optional)/77/78/79 (optional) |
| LTE CA / ENDC | CA; ENDC |
| Standard | 3GPP R17 |
| Antenna | Internal MIMO |
| Sending / Receiving | 1Tx; 4Rx |
| Authentication | Support PAP/CHAP authentication |

| 5G Features | |
|---|---|
| Release | Supports 3GPP Rel-17 |
| Modulation | Supports uplink 256–QAM and downlink 256–QAM |
| MIMO | Supports downlink 4 × 4 MIMO on n1/3/7/38/40/41/77/78 |
| SCS | Supports SCS 15 kHz and 30 kHz |
| Operation Modes | Supports SA and NSA operation modes; Option 3×, 3a, and Option 2 |
| Data Rates | NSA: Max 2.5 Gbps (DL) / 700 Mbps (UL); SA: Max 2.3 Gbps (DL) / 625 Mbps (UL) |

| LTE Features | |
|---|---|
| Duplex | Supports both FDD and TDD |
| Bandwidth | Supports 1.4 to 20 MHz RF bandwidth |
| MIMO | Supports LTE DL 2 × 2 MIMO on B1/3/5/7/8/20/28/38/40/41/42/43 |
| Modulation | Uplink QPSK, 16–QAM and 64–QAM; downlink QPSK, 16–QAM, 64–QAM and 256–QAM |
| Data Rates | Max. 390 Mbps (DL-Cat13) / 150 Mbps (UL-Cat13) |

| Transmit Power | |
|---|---|
| LTE Bands | Class 3 (23 dBm ±2 dB) |
| 5G NR Bands | Class 3 (23 dBm ±2 dB) |
| 5G NR HPUE | Class 2 (26 dBm +2/-3 dB) for n41/n77/n78 UL HPUE |

D-Link

# Technical Specifications

| Wi-Fi | |
|---|---|
| **Chip** | High Performance Chipset |
| **Protocol** | 2.4 GHz: IEEE 802.11 b/g/n/ax; 5 GHz: IEEE 802.11 a/n/ac/ax |
| **Frequency** | 2.4G (2.4~2.4835 GHz) 20/40 MHz; 5.0G (5.15~5.925 GHz) 20/40/80 MHz |
| **Wi-Fi Mode** | Dual-band concurrent |
| **Users** | 32 + 32 Wi-Fi users / devices |
| **ANT / MIMO** | MU-MIMO, 2X2 + 2X2 |
| **Transmission Distance** | Up to 15~20 m |
| **Modulation** | 1M DBPSK, 2M DQPSK, 5.5M, 11M CCK, 6M, 9M, 12M, 18M, 24M, 36M, 48M, 54M, ...72M OFDM |
| **Output Power (2.4G)** | 16 dBm (Max) 11b; 15 dBm (Max) 11g; 14 dBm (Max) 11n; 12 dBm (Max) 11ax |
| **Output Power (5G)** | 16 dBm (Max) 11a; 15 dBm (Max) 11n; 14 dBm (Max) 11ac; 14 dBm (Max) 11ax |
| **Sensitivity** | MCS11: -60 dBm@10% PER (11ax); MCS9: -63 dBm@10% PER (11ac); MCS7: -68 dBm@10% PER (11n); 54M: -70 dBm@10% PER; 11M: -83 dBm@8% PER; 6M: -88 dBm@10% PER; 1M: -90 dBm@8% PER |
| **Data Rate (2.4G)** | 11ax: 573.6 Mbps with 40 MHz bandwidth; 11n: 300 Mbps /.../ 6.5 Mbps; 11g: 54/48/36/24/18/12/9/6 Mbps; 11b: 11/5.5/2/1 Mbps (Auto Rate Sensing) |
| **Data Rate (5G)** | 11ax: 1201 Mbps with 80 MHz bandwidth; 11ac: 866 Mbps Max; 11n: 300 Mbps /.../ 6.5 Mbps; 11a: 54 Mbps Max (Auto Rate Sensing) |
| **Combined Rate** | Dual-band concurrent: 2.4G 573.6 + 5G 1201 = AX1800 Mbps |
| **Encryption** | Support WPA2; support WPA3 |

| Software | |
|---|---|
| **Configuration** | Auto channel scanning and selection; configurable BS profiles (frequency, bandwidth) |
| **Local Web GUI** | The Web GUI utilizes HTTP for logging on to the device, it's easy to control the device. |
| **Encryption/Decryption** | AES |
| **Device Management** | Web Access (Local) |
| **Networks** | IPv4, IPv6 Internet Protocol v4/v6, ICMPv6 |
| **Firewall** | IP-based filter; port- (protocol-) based filter; MAC-based filter |
| **Security** | Port Forwarding, DMZ support; firewall for URL filter, MAC filter, DoS; support PIN and PUK based SIM card security; WAN Access Control; remote access control (HTTP) |
| **DNS** | DNS relay / DNS cache |
| **Services** | Broadcasting; multicasting |
| **Software Update** | Support local update; OTA update |

| Material | |
|---|---|
| **Front / Rear** | Plastic, painting |
| **Battery Cover** | Plastic, painting |
| **Buttons** | Plastic, WPS + Reset + Power |

| Packing | |
|---|---|
| **Package Contents** | Device 1pc; Battery 1pc, 10000 mAh; Type-C USB 1pc; label (model number / MAC / serial number); gift box; warranty; user manual |

| Certification | |
|---|---|
| **Compliance** | CE |

| Ordering Information | |
|---|---|
| **DWR-710V** | AX1800 5G Mobile Wi-Fi 6 Hotspot |

Specifications are subject to change without notice. D-Link is a registered trademark of D-Link Corporation and its overseas subsidiaries. All other trademarks belong to their respective owners. ©2026 D-Link Corporation. All rights reserved. E&OE.