

Product Highlights

- Built with UDX710 chipset, has a super price performance ratio
- Built-in Wi-Fi6 mobile hotspot distributes high-speed, high-performance Wi-Fi to all your connected devices
- Supports 2.4G and 5G Bands
- Supports SA and NSA
- USB-C port for faster charging and future compatibility
- Supports WPA3 encryption for more protection Built-in
- 6000mAh battery, stay connected for a long time
- Nano SIM card slot supports 5G or 4G/LTE
- Supports backstage management and configuration

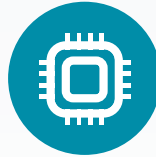


DWR-500V 5G Mi-Fi



5G High-speed Internet

Theory Data Rates
DL: 2.3Gbps, UL: 1.15 Gbps
200-300Mbps @11ac



Unisoc UDX710 Chipset

Built with UDX710 chipset, at the same time, it adopts a new RF and hardware design concept, has a super price performance ratio



Upgrade

Support FOTA, TR069



6000mAh Battery

Chargeable Lithium-ion battery, stay connected for a long time



Type-C

General Type-C port, for faster charging and future compatibility



Multi-device Connection

Stable connection to 32 devices



SPECIFICATIONS

Platform

CPU	UDX710
OS	Linux

Memory

RAM	1Gb
ROM	1Gb

SW

Protocol	TCP/UDP/NTPFTP/HTTP/PING/HTTPS/FTPS/MQTT/MMS
IPv4/IPv6	Support
WebGUI	Support
RNDIS	Support
Upgrade	FOTA
Security	WEP, WPA/WPA2/WPA3-Personal/WPA3-Enhanced Open, WPS 2.0, WAPI, WPI-SMS4, EAP-TLS/EAP-TTLS/EAP-PEAP/EAP-SIM/EAP-AKA/EAP-AKA

SPECIFICATIONS

RF

3GPP	R8, R9...,R15
Throughput Rate	HSDPA: Max.42.2Mbps (DL) (Category 24) HSUPA: Max.11Mbps (UL) (Category 7) WCDMA: Max.384Kbps (DL) /384Kbps (UL) LTE FDD: Max.300Mbps (DL) /50Mbps LTE TDD: Max.260Mbps (DL) /30Mbps 5G NR TDD: Max.2Gbps (DL) /500Mbps (UL)
LTE ANT	1T2R
5G ANT	1T4R
WCDMA/HSPA	B1
TDD-LTE	B34/38/39/40/41
FDD-LTE	B1/B3/B5/B7/B8/B20/B28
CA	LTE 2CC DL-CA inter-Band CA : 1A-3A,1A_5A,1A_7A,1A_8A,1A_20A, 3A_5A,3A_7A,3A_8A,3A_20A,7A_8A, 7A_20A,39A-41A LTE 2CC DL-CA Intra-Band Continous CA : B1C/B3C/B5B/B7C/B8B/B38C/B39C/B40C/B41C LTE 2CC DL-CA intra-Band Discontinuous CA : 1A-1A,3A-3A,5A-5A,B7A-B7A,40A-40A,41A-41A LTE 2CC UL-CA Intra-Band Continous CA : B1C/B3C/B5B/B7C/B8B/B38C/B39C/B40C/B41C LTE 3CC DL CA : 40D,41D,39C-41A,39A-41C,1A-3C,1A-3A-5A/7A/8A, 3A-7A-20A,1A-7A-8A/20A
5G NR	FDD:N1/N3/N20/N28 TDD: N41/N77/N78
NR ENDC	DC_1A-n41A*, DC_3A-n41A, DC_39A-n41A, DC_40A-n41A*, DC_41A-n41A* DC_1A-n77A*, DC_3A-n77A*, DC_8A-n77A*, DC_28A-n77A*DC_1A-n78A, DC_3A-n78A, DC_3C-n78A*, DC_5A-n78A, DC_7A-n78A*, DC_8A-n78A, DC_20A-n78A*, DC_28A-n78A*, DC_40A-n78A*, DC_41A-n78A*
Output Power	Class 3 (24 dBm +1/-3 dB), WCDMA band Class 3 (23 dBm ±2 dB), LTE band Class 3 (23 dBm ±2 dB), 5G NR band

Wi-Fi

Chip	UMW2651
Wi-Fi Protocol	2.4GHz, 5.0GHz, 802.11 a/b/g/n/ac
Wi-Fi ANT	2x2
Output Power	18dBm(Max) in 11b mode 16GdBm(Max) in 11g mode 15dBm(Max) in 11n mode 15dBm(Max) in 11ac mode
Sensitivity	MCS9: -63dBm@10% PER MCS7: -68dBm@10% PER 54M : -70dBm@10% PER 11M : -83dBm@8% PER 6M : -88dBm@10% PER 1M : -90dBm@8% PER
Data Rate	11ac: 867/780/650...65Mbps (Auto Rate Sensing) 11g: 54/48/36/24/18/12/9/6 Mbps (Auto Rate Sensing) 11b: 11/5.5/2/1 Mbps (Auto Rate Sensing) 11n: 300 Mbps /.../6.5Mbps (Auto Rate Sensing) 200~330 Mbps @11ac

HW

KEYS	WPS, Reset, Power
IO	USB3.0, Type-C
SIM Card	NANO SIM, eSIM (optional)
Battery	6000mAh
Charger	5V/2A
LCD	Power/4G/5G/Wi-Fi (3 colors)

Electrical

ESD	contact ±6k, air ±10K
EOS	VBAT 200V, VBUS 200V
Operation Temp	-10~ + 40°C
Storage Temp	-40~ + 70°C

Packing

Battery	Yes, 6000mAh internal
USB Cable	Yes
Charger	Yes, 5V2A
Earphone	No
OTG Cable	No
T-Flash Card	No
Warranty Card	Yes
User Manual	Yes
other	

Certification

Certification	FCC, CCC, CE (in progress)
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