



MFX20

5G Hotspot

CAT20

802.11a/b/g/n/ac/ax

5000mAh

5G global band and
roaming supported

The MFX20 5G Hotspot is equipped with the Qualcomm SDx55 chipset and supports both NSA and SA networking modes, providing consistent access to ultra-fast 5G networks. It allows multiple end users and mobile devices to share 5G mobile broadband Internet connection from anywhere. Customers enjoy a robust broadband experience in various mobile scenarios.

The MFX20 supports up to 32 Wi-Fi users simultaneously and provides Wi-Fi transmission of up to 10 meters away. Its wide spectrum supports makes the hotspot more compatible with the global market.

CELLULAR SPECIFICATIONS

Category	UE Category 20	
Band Support	5G NR	N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78/N79
	LTE	FDD: B1/B3/B5/B7/B8/B20/B28 TDD: B34/B38/B39/B40/B41/B42
	WCDMA	B1/B3/B5/B8
Peak Throughput	5G: 3.3 Gbps/ 300 Mbps FDD-LTE: 2 Gbps/ 150 Mbps	
Receive Diversity	Supported	
MIMO	Supports DL 4 x 4 MIMO	
Output Power @ 25 °C 77 °F	23 ± 2dBm	

HARDWARE SPECIFICATIONS

Chipset	Qualcomm SD x 55
Display	TFT LCD, 2.4-inch touch screen
Memory	4 GB + 4 GB
Wi-Fi	Wi-Fi a/b/g/n/ac/ax
	2.4 GHz/ 5 GHz
	2 x 2 MIMO
Battery	Li-ion battery 5000mAh
Working Time	8 hours
Standby Time	450 hours
USB	Type-C, Charge & Internet
USIM/SIM	4FF SIM card
	Supports SIM/ USIM/ UIM, standard 6 PIN SIM card interface
	Supports 3V SIM card and 1.8V SIM card
Antenna	5G + 4G: 8 antennas
	Wi-Fi: 2 X 2
Buttons	POWER, Reset, WPS
Dimensions	136 mm x 74 mm x 18.7 mm 5.35 in x 2.91 in x 0.74 in
Weight	120 g 0.26 lbs
ESD	ESD Protection circuit Contact ± 8KV, Air ± 10KV
Environmental	Operating: -10 °C ~ 45 °C 14 °F ~ 113 °F
	Storage: -20 °C ~ 70 °C -4 °F ~ 158 °F
	Humidity: 5% ~ 95% (Non-condensing)

TOPOLOGY



SOFTWARE SPECIFICATIONS

UI	Web UI, Device UI
SW Update	Local update, FOTA
Wi-Fi Mode	AP mode
Wi-Fi Security	OPEN & WPA2-PSK & WPA-PSK/ WPA2-PSK & WPA3
SMS	Supported
IP Configuration	Support IPv4/IPv6
Firewall	Mac/ IP address filter, Port forwarding, Wi-Fi Black/ White list
Data Statistics	Supported
VPN Pass Through	PP2P/ L2TP/ IPSec
SIM Lock	Supported
SNTP	Supported
DOS Attack	Supported
DMZ	Supported
HTTP	Supported
HTTPS	Supported
Automatic APN matching according to USIM	Supported

Contact Us

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