



KS-5GM1800

5G NR Wi-Fi 6 Portable Mobile Wi-Fi

#Version 1.0 by Kosky

KS-5GM1800

Introduction



KS-5GM1800 is Kosky's latest cutting-edge innovative product with excellent technology integration of 5G and Wi-Fi 6 wireless standard. By adoption of complete Qualcomm chipset solution KS-5GM1800 is positioned to be the world's leading 5G MiFi hotspot with ultra-performance and support multiple connection interfaces. It's compact and ideal for both home and offices to deliver smooth 4K video streaming and low-latency gaming performance. KS-5GM1800 supports both NSA/SA networking and alongside the mainstream 5G bands with upto 3.4Gbps@DL and 900Mbps@UL as well as 4X higher wireless speed of 802.11ax protocol compared with last generation Wi-Fi. At the same time KS-5GM1800 is capable to connect 32 devices simultaneously and stable working for 8~10 hours by fixed Li-on 4500mAh battery. Besides above KS-5GM1800 has various features and functions such as 2.4inch TFT LCD screen, WPA3 security level, WPS 2.0, USB3.1, TS-9 antenna connector, 4*internal antennas, black/white list and etc. In one word KS-5GM1800 can bring you amazing experience of future portable mobile networks wherever and whenever you need.

Highlights

- ✓ Advanced cutting-edge 5G MiFi hotspot of extraordinary design and experience
- ✓ Adoption of complete Qualcomm chipset solution of 5G/LET and Wi-Fi
- ✓ Provide the best online experience simultaneously upto 32 multiple devices
- ✓ The 4500mAh large capacity battery bring you all-day working of 8~10 hours
- ✓ 5G low latency and high-reliability provides seamless connection and smooth streaming
- ✓ Support 2*2 MIMO and OFDMA technology with Dual-band Wi-Fi 6 for better stability
- ✓ 2.4inch TFT 320*240 LCD screen make you easily check the device key datas
- ✓ Stylish design, compact size and easy-to-use bring you comfortable taking

Key Features

◆ Application of latest 5G/LTE and Wi-Fi 6 technology as the 1st

Leading the new technology applications of 5G NR and 802.11ax Wi-Fi 6 protocol to bring customer the pioneer product experience.

◆ Both 5G/LTE and Wi-Fi are based on the Qualcomm new chipsets

Adoption of Qualcomm Snapdragon X62 5G chipset and QCA2064 Wi-Fi chipset for excellent cellular and Wi-Fi function and performance.

◆ Provide the best online experience simultaneously to multiple devices

The Snapdragon X62 supports virtually any combination of spectrum bands and modes such as 5GmmWave and sub-6GHz, SA and NSA modes, TDD/FDD spectrum and the connection speed upto NSA 3.4Gbps@DL/550Mbps@UL and SA 2.4Gbps@DL/900Mbps@UL.

◆ Support seamless HD video streaming and ultra-stable Wi-Fi connection

Wi-Fi 6 protocol provides 5G connectivity to existing smart devices with wider coverage range and upto 4 times higher speed compared with Wi-Fi 5 standard.

◆ Adoption of 2.4inch TFT LCD screen to bring friendly visual experience

The integrated UI allows users to constantly monitor the key information of connection speed, number of connected devices, battery status and etc.

◆ Support maximum stable connected users upto 32 simultaneously

By 2*2MIMO and OFDMA of dual-band Wi-Fi technology the device is capable to provide stable connection upto 32 users of watching movies and playing games.

◆ Stylish design, compact size and easy-to-use

When you get the product to test or use it will surely bring you more than satisfied appearance design, touch feeling, ergonomic size as well as easy-to-use after quick configuration. KS-5GM1800 is one far ahead MiFi product in current market.

Specification

Product Information	
Model	KS-5GM1800
Dimensions	138*72.4*17mm
5G NR	
Chipset	Qualcomm Snapdragon X62
Standard	3GPP Release 16(both LTE and 5G)
Band	NR Sub- 6: n1/3/5/7/8/20/28/38/40/41/71/75/76/77/78
	LTE: B1/3/5/7/8/20/28/32/71/38/40/41/42/43
Power Level	WCDMA: Class 3 (23 dBm ±2 dB)
	LTE-FDD: Class3(23dBm±2dB)
	LTE-TDD: Class3(23dBm±2dB)
	LTE B38/B41/B42/B43 HPUE: Class 2 (26 dBm ±2 dB)
	5GNR: Class3(23dBm±2dB)
	5G NR n38/n41/n77/n78 HPUE: Class 2 (26 dBm +2/-3 dB)
Data Rate	NSA 3.4Gbps@DL, 550Mbps@UL ;
	SA: 2.4Gbps@DL, 900Mbps@UL ;
MIMO	4X4, 4 internal antennas
Wi-Fi	
Chipset	QCA2064
Standard	IEEE 802.11 a/b/g/n/ac/11ax
Frequency	2.4GHz ~2.4835GHz
	5.125GHz ~5.825GHz
Data Rate	802.11b: 1/2/5.5/11Mbps
	802.11g: 6/9/12/18/24/36/48/54Mbps
	802.11n: upto 574Mbps
	802.11ax: upto 1200Mbps
Security	Open, WPA2-PSK, WPA-PSK /WPA2-PSK, WPA3-SAE, WPA2-PSK / WPA3-SAE with AES
Wi-Fi MIMO	2x2
Enabled Device	up to 32

System	
Network Selection	Manual or Auto
APN Setup	APN setup and revise
PIN Function	Save, revise, lock and unlock
USB Port	Type-C, USB3.1, support data transfer
Power	15W(5V/3A)/18W(9V/2A@PD) quick charging
SIM Card slot	One 4FF (Nano) UICC/USIM, push slot
Screen	LCD(2.4inch TFT 320*240)
Button	Power Key, Menu_Select Key, Menu_Confirm Key, Reset(Hidden)
Battery	4500mAh
External Antenna	1 x TS-9 connector for Tx/RX
	1 x TS-9 connector for Rx
Reception Range	10m
Others	
Operating Temperature	0℃ ~ 40℃
Storage Temperature	-20℃ ~ 60℃
Operating Humidity	5%~95%RH non-condensing
Storage Humidity	5%~95%RH non-condensing
Certifications	CE/FCC

Packaging List

Material	QTY
KS-5GM1800	1
USB Cable	1
DoC	1
QIG	1

Relevant Useful Products

Model	Description
KS-WA1800	1800M Wi-Fi 6 High-gain USB Adapter
KS-WE1800	1800M Wi-Fi 6 New-gen Wireless Extender
KS-HG510	AC1200M Wi-Fi GPON 4*GE+1*POTS+CATV ONT

Note: For more information about the recommended products you can check our website or freely contact our product R&D team by E-mail: support@koskyglobal.com

Exceed Your **Expectation**



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