



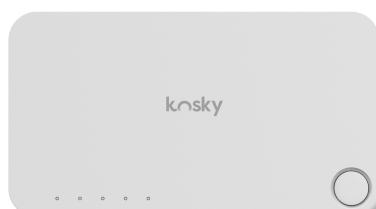
KS-5GC1800

1800M Wi-Fi 6 Wireless 5G NR Tower Router

#Version 1.0 by Kosky

KS-5GC1800

Introduction



KS-5GC1800 is the cutting-edge designed new-gen high-performance 5G NR 1800Mbps Wi-Fi 6 gigabit tower style wireless router. It adopts complete latest Qualcomm solution of both 5G NR and Wi-Fi 6 standard so as to bring the superfast online internet speed experience and strong wireless signal coverage and sharing. KS-5GC1800 has ultra-fast speed data access of 5G SA 200MHz DL4.6Gbps/UL450Mbps and Wi-Fi 802.11ax standard 2*2MIMO upto 1800Mbps so that you can smoothly connect upto 32 Wi-Fi connections simultaneously. The device memory is 4Gb DDR and 4Gb NAND flash, which well meet the operation demands and bring streaming online experience. KS-5GC1800 has 6*5G/LTE internal primary antennas and 2*2.4GHz&5GHz internal Wi-Fi antennas. KS-5GC1800 supports both independent networking(SA) and non-independent networking(NSA) deployments and backward compatible with 4G multiple network standards. It can effectively convert 5G wireless signals into Wi-Fi 6 signals and Ethernet port so as to fully meet the requirements of wired and wireless networks. In one word KS-5GC1800 is ideal and reliable device for experiencing the combination of cutting-edge 5G NR and 802.11ax Wi-Fi 6.

Highlights

- √ 5G NR SA 200MHz DL speed 4.6Gbps/UL speed 450Mbps and 802.11ax Wi-Fi speed 1800Mbps
- √ 1*Gigabit RJ45 WAN/LAN port, 1*NANO/4FF SIM-card slot and 1*Type-C port for debug
- √ 6*internal primary antennas of 5G/LTE and 2*internal WLAN 2.4G/5GHz antennas
- √ Easy configuration of Nano-SIM/4FF card plug-and-play with strong compatibility
- √ Provide ultra-speed online experience for upto 32 connection simultaneously
- √ Support WPS function of PBC and PIN for simple wireless configuration process
- √ Elegant cubic tower style design with strong performance and simple placement

Key Features

◆Cutting-edge 5G NR advanced SA and NSA networks

Support internet access upto 32 wireless devices and the download speed upto 4.6Gbps at 5G SA 200MHz mode.

◆Require to insert Nano-SIM/4FF card and plug-and-play

Strong comatibility of SIM-cards in most countries by customized 5G module so as to bring easy installation.

◆Peak-performance and real high-quality components using

By adoptions of complete Qualcomm solution with 4Gb DDR and 4Gb NAND flash and 5G modules for any ultra-speed and streaming situations.

◆Support various cellular network modes

Support automatic and manual connection to the various network modes such as Atuo, 5G SA, 5G NSA or LTE only.

◆Support VPN and WPA3 Wi-Fi security standard

VPN modes include L2TP, PPTP and IPSec and Wi-Fi security supports WPA/WPA2/WPA3 mixed mode.

◆WPS function brings simple wireless connection

WPS function makes the configuration process to establish a secure wireless home network be simple and quick-effective.

◆Elegant cubic tower design and deploy immediately without delay

Get superfast, reliable and secured broadband internet access almost anywhere and no need worry about the wires.

Specification

Product Information	
Model	KS-5GC1800
Dimensions	163*90*45mm
Specifications	
Chipset	Qualcomm SDX55 @Arm Cortex-A7 up to 1.5 GHz
5G Standard	3GPP Release 15
Network Type	5G SA, 5G NSA, LTE
5G Band	n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78/n79
4G Band	B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32/B34*/B38/B39*/B40/B41/B42/B43
Operation Modes	5G connection, router and AP
RAM	4Gb DDR
Flash Memory	4Gb NAND Flash
Interface	1*Gigabit ethernet RJ45 port for WAN/LAN
	1*DC port for power adapter
	1*Type C port for debug
	1*Nano(4FF) sim slot
Antennas	6*Built-in 5G/LTE primary antennas
	5*Built-in WLAN 2.4G & 5G antennas
Power Consumption	<17W
Button	1*Power button
	1*WPS button
	1*Reset(hidden) button
Indicator	1*Signal strength
	1*5G network status
	1*Wi-Fi Status
	1*LAN Port status
	1*Mode to indicate Power status or FOTA status
Wireless Standard	802.11a/b/g/n/ac/ax

Frequency	2.4GHz ~2.4835GHz
	5.125GHz ~5.825GHz
Transmission Speed	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	WPA/WPA2 PSK, & WPA/WPA2/WPA3 mixed mode
Management	WEB remote management
Others	
Operating Temperature	-0 °C ~ 45 °C
Storage Temperature	-20 °C ~ 60 °C
Operating Humidity	5%~95% non-condensing
Storage Humidity	5%~95% non-condensing
Default Login Username	admin
Default Login Password	admin
Certifications	CE/FCC

Packaging List

Material	QTY
KS-5GC1800	1
Ethernet Cable	1
Power Adapter	1
QIG	1

Relevant Useful Products

Model	Description
KS-PE3000	3000M Wi-Fi 6 Bluetooth 5.2 PCIe Network Card
KS-AX3000	3000M Wi-Fi 6 New-gen Wireless Router
KS-WE1800	1800M Wi-Fi 6 New-gen Wireless Extender

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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