kosky
Exceed Your Expectation

KS-5GC1800S
1800M Wi-Fi 6 Wireless 5G NR Desktop Router

#Version 1.0 by Kosky

KS-5GC1800S

Introduction

KS-5GC1800S is specially designed new-gen high-performance 5G NR 1800Mbps Wi-Fi 6 gigabit desktop metal case wireless router for applications in small office and home office. It adopts complete latest MTK solution of both 5G NR and Wi-Fi 6 standard so as to bring the superfast internet speed and poweful wireless signal coverage and sharing. KS-5GC1800S supports both independent networking(SA) and non-independent networking(NSA) deployments and backward compatible with 4G multiple network standards. It has ultra-fast speed data access of 5G SA Sub-6 DL 2Gbps/UL 1Gbps, 5G NSA Sub-6 DL 2.2Gbps/UL 575Mbps and Wi-Fi 802.11ax standard 2*2MIMO upto 1800Mbps so that you can smoothly connect upto 64 Wi-Fi connections simultaneously. With 8*detachable antennas and quality 5G module KS-5GC1800S is capable to bring the much better online experience without any latency or drops. At the same time KS-5GC1800 has strong features such as VPN, TR-069, WPA3, MAC/IP filtering, parental control and etc. With 1*gigabit WAN and 2*gigabit LAN ports you can extend both your wired and wireless demands so as to meet the different demands. In one word KS-5GC1800S is ideal and reliable device for applications at big house, vila, cafe, small enterprise and office based on the combination of cutting-edge 5G NR and 802.11ax Wi-Fi 6 technology.

Highlights

√ 5G NR SA Sub-6 DL speed 2Gbps/UL speed 1Gbps and 802.11ax Wi-Fi speed 1800Mbps

√ 1*Gigabit Ethernet WAN, 2*Gigabit Etherent LAN, 1*NANO/4FF SIM-card slot and 1*USB2.0

√ 8*external detachable antennas of 4*5G antennas, 2*2.4GHz and 2*5.8GHz Wi-Fi antennas

√ Easy configuration of Nano-SIM/4FF card plug-and-play with strong compatibility

√ Provide ultra-speed online experience for upto 64 connection simultaneously

√ Support WPS function of PBC and PIN for simple wireless configuration process

√ Classic desktop style design for easy and comfortable placement at any SOHO space

Key Features

✦**Cutting-edge 5G NR advanced SA and NSA networks**

Support internet access upto 64 wireless devices and the download speed upto 2Gbps at 5G SA Sub-6 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.

✦**Ultra-performance and high-quality components using**

By adoptions of complete MTK solution with 1Gbit NAND flash and 256MB DDR3 and 5G modules for any ultra-speed and streaming situations.

✦**Support multiple network mdoes**

Support working modes of router, Mesh and bridge to well match with your existed network deployment.

✦**Support VPN and WPA3 Wi-Fi security standard**

VPN modes include L2TP and PPTP 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.

✦**Classic desktop style 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-5GC1800S
Dimensions	292*152*36.5mm
Specifications	
Chipset	MT7621A+MT7905DAN+MT7975DN
5G Standard	3GPP Release 15
Network Type	5G SA, 5G NSA, LTE
5G Band	NSA: n41/78/79, SA: n1/28/41/77/78/79
4G Band	B1/2/3/5/7/8/20/28/34/38/39/40/41
Data Speed	5G SA Sub-6: (DL)Up to 2Gbps, (UL)1Gbps
	5G NSA Sub-6: (DL)Up to 2.2Gbps , (UL)575Mbps
	LTE: (DL)Up to 600Mbps, (UL)150Mbps
Operation Modes	5G connection, router and AP
RAM	256MB DDR3
Flash Memory	128MB NAND Flash
Interface	1*Gigabit WAN Port
	2*Gigabit LAN Port
	1*Nano SIM Card Slot
Antennas	2.4G: 2T2R, 5.8G: 2T2R, 3G/4G/5G: 4T4R External
Power Consumption	＜18W
Button	1*POWER Button
	1*Reset Button
	1*WPS Button
Wireless Standard	1*PWR Indicator
	1*WiFi Indicator
	1*5G/4G Indicator
	1*Ethternet Port Indicator
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	-10℃ ~ 45℃
Storage Temperature	-20℃ ~ 70℃
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-5GC1800S	1
SMA Antennas	8
Ethernet Cable	1
QIG	1
Power Adapter	1

Relevant Useful Products

Model	Description
KS-PE1800	1800M Wi-Fi 6 Bluetooth 5.2 PCIe Nework Card
KS-AP3000	3000M Wi-Fi 6 New-gen Wireless Router
KS-ES2402G	26-Port Full Gigabit Smart PoE Switch 24-Port PoE+2-Port SFP Uplink

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

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