



# KS-4GC1200T

1200M Dual-band Wireless 4G LTE Tower Router

#Version 1.0 by Kosky

# KS-4GC1200T

## Introduction

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KS-4GC1200T is the specially designed high-performance 4G LTE Cat6 1200Mbps gigabit tower style wireless router. It adopts complete Qualcomm solution of both 4G LTE and Wi-Fi so as to bring the stable online internet experience and strong wireless signal coverage. KS-4GC1200T has high-speed data access of LTE Cat 6 DL300Mbps/UL50Mbps and Wi-Fi 802.11ac standard 2\*2MIMO upto 1200Mbps so that you can connect upto 32 Wi-Fi connection simultaneously. The device memory is 2Gbit RAM and 1Gbit ROM, which well meet the operation demands and bring smooth online experience. For better performance KS-4GC1200T supports optionals of 1\*RJ11 port for VoLTE and 2\*TS-9 ports for connecting external antennas according to your actual demands. At the same time there are 4\*3~3.5dBi internal antennas for LTE/UMTS and 2\*3.5dBi internal antennas for Wi-Fi. In one word KS-4GC1200T is the ideal 4G+ LTE advanced device for sharing a secure, stable and strong wireless network.

## Highlights

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- √ CAT6 LTE DL speed 300Mbps/UL speed 50Mbps and 802.11ac Wi-Fi speed 1200Mbps
- √ 1\*Gigabit RJ45 port, 1\*micro/3FF SIM-card slot and 1\*RJ11 VoLTE port optional
- √ 4\*internal antennas of 4G LTE/UMTS and 2\*internal antennas of Wi-Fi connection
- √ Easy configuration of micro-SIM/3FF card plug-and-play with strong compatibility
- √ 2\*TS-9 optional ports for connecting external antennas to extend the Wi-Fi performance
- √ Support WPS function of PBC and PIN for simple wireless configuration process
- √ Elegant tower style design with strong performance and simple placement

# Key Features

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## ◆Matured 4G LTE advanced Cat. 6 network

Support internet access upto 32 wireless devices and the download speed upto 300Mbps at LTE Cat6 mode.

## ◆Require to insert micro-SIM/3FF card and plug-and-play

Strong comatibility of SIM-cards in most countries by customized 4G module so as to bring easy installation.

## ◆High-performance and quality components using

By adoptions of complete Qualcomm solution with 2Gbit RAM and 1Gbit ROM and LTE CAT6 4G module for strong and smooth operation status.

## ◆Support various cellular network modes

Support automatic and manual connection to the various nework modes such as Atuo, LTE only, WCDMA only or GSM only.

## ◆Optional external antennas ports to enhance the signal

2\*TS-9 ports for connecting the external antennas to extend the wireless signals

## ◆WPS function brings simple wireless connection

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

# Specification

Product Information	
<b>Model</b>	KS-4GC1200T
<b>Dimensions</b>	87*105*190mm
Specifications	
<b>Chipset</b>	MDM9240, Cortex-A7 up to 1.2 GHz
<b>4G Standard</b>	3GPP Release 10
<b>4G Network Type</b>	LTE FDD/TDD, DC HSPA, HSPA+, HSPA, WCDMA
<b>LTE Band</b>	B1/3/8/7/20/40/41/38
<b>WCDMA</b>	B1/3/8
<b>GSM</b>	B1/3/8
<b>Operation Modes</b>	4G connection and router
<b>Data Rate</b>	LTE: Cat6, DL 300Mbps, UL 50Mbps
	DC HSPA: DL 42Mbps, UL 5.76Mbps
	HSPA+: DL 21Mbps, UL 5.76Mbps
	HSPA: DL 14.4Mbps, UL 5.76Mbps
	WCDMA PS: 384Kbps
<b>Antenna</b>	1*RJ11 port for VoLTE (Optional)
	1*Gigabit Ethernet RJ45 port
	1*DC port for power adapter
	2*TS-9 ports for external antenna (Optional)
	1*Nano(3FF) SIM slot
<b>Antennas</b>	4*Internal antennas for LTE/UMTS
	2*Internal antennas for Wi-Fi
<b>Power Supply</b>	DC 12V/1A
<b>Power Consumption</b>	<11W
<b>Power Consumption</b>	1*Power button
	1* WPS button
	1*Reset button

<b>Indicator</b>	1*Mode LED
	1*Signal strength LED
	1*Wi-Fi LED
	1*LAN LED
	1*Power LED
<b>Wireless Standard</b>	802.11b/g/n 300Mbps MIMO
	802.11a/n/ac 867Mbps MIMO
<b>Frequency</b>	802.11b/g/n: 2.4~2.4835GHz
	802.11a/n/ac: 5.15~5.85GHz
<b>Modulation Mode</b>	802.11a: OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
	802.11b: DSSS (DQPSK, DBPSK, CCK)
	802.11g: OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
	802.11n: OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
	802.11ac: OFDM (BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM)
<b>Transmission Speed</b>	11b: 1/2/5.5/11Mbps
	11g: 6/9/12/18/24/36/48/54Mbps
	11n: 20MHz: 86.7/115.6/130/144.4Mbps & 40MHz: 240/270/300Mbps
	11ac: maximum upto 866.7Mbps
<b>Security</b>	WEP, WPA2, AES or TKIP, WPA2/WPA
<b>Management</b>	WEB remote management
<b>Others</b>	
<b>Operating Temperature</b>	-0℃ ~ 45℃
<b>Storage Temperature</b>	-20℃ ~ 60℃
<b>Operating Humidity</b>	5%~95% non-condensing
<b>Storage Humidity</b>	5%~95% non-condensing
<b>Default Login Username</b>	admin
<b>Default Login Password</b>	admin
<b>Certifications</b>	CE/FCC

## Packaging List

Material	QTY
KS-4GC1200T	1
Ethernet Cable	1
Power Adapter	1
QIG	1

## Relevant Useful Products

Model	Description
KS-WA1800	1800M Wi-Fi 6 High-gain USB Adapter
KS-WE1200	1200M Dual-band Wireless Extender
KS-AC1200	1200M Wi-Fi 5 Gigabit Wireless Router

**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](mailto:support@koskyglobal.com)

# Exceed Your **Expectation**



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