



# KS-AX3000E

3000Mbps Wi-Fi 6 New-gen Wireless Router

#Version 1.0 by Kosky

# KS-AX3000E

## Introduction

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KS-AX3000E is the reliable high-performance new-generation Wi-Fi 6 router complying with 802.11ax standard for big house Wi-Fi coverage and connection. By 4 external high-gain omni-directional antennas KS-AX3000E can perfectly work on both 2.4GHz 574Mbps and 5.8GHz 2402Mbps of total 3000Mbps dual-band concurrent speed rate. KS-AX3000E adopts the latest technologies such as MU-MIMO, OFDMA, Beamforming and support IPv6 with big bandwidth so as to bring the ultra-speed wireless with better feature, performance and stability. In one word KS-AX3000E can be your ideal choice for enjoying the new generation 802.11ax wireless technology.

## Highlights

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- ✓ 802.11ax standard with 3000Mbps wireless speed
- ✓ High-performance dual-core processor
- ✓ 4\*5dBi Omni-directional high-gain antennas for better Wi-Fi coverage
- ✓ Full gigabit connected Ethernet ports
- ✓ MU-MIMO+OFDMA technology application
- ✓ WPA3 high-security encryption for effective privacy protection
- ✓ Strong compatibility with general authentication methods

# Key Features

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## ◆New generation 802.11ax wireless standard

Compared with Wi-Fi 5 of 802.11ac the new generation Wi-Fi 6 has almost 150% speed growth and less latency and stuck.

## ◆Wireless download speed increase 40%

Compared with Wi-Fi 5 of 256QAM the new generation Wi-Fi 6 could transfer more data at the same time by 1024QAM.

## ◆Full wireless coverage throughout your home

4\*5dBi external high-gain antennas well boost the Wi-Fi signals to every part of the house, and also the Beamforming technology can bring the signals to the corners without signal before.

## ◆Adoption of new generation Wi-Fi security standard WPA3

WPA3 latest security protocol improves the cyber-security capabilities of personal networks so as to enhance the protection against of force attacks or password cracking.

## ◆Compatible with general authentication methods

Different ISP has different rule for local wireless network connection and our supported authentication methods include PPPoE, L2TP, PPTP, Dynamic IP Static IP as well as Automatic IP.

# Specification

Product Information	
Model	KS-AX3000E
Size	225*153*37MM
Specifications	
Type	3000Mbps Wi-Fi 6 New-gen Wireless Router
Standard	Comply with IEEE802.11/b/g/n/ac/ax and IEEE802.3/u/ab
Frequency Bands	2412MHZ-2472MHz:EIRP 18.34dBm 5180MHZ-5250MHz:EIRP 17.34dBm 5260Mhz-5320MHz:EIRP 16.28dBm 5500MHZ-5700MHz:EIRP 14.27dBm 5745Mhz-5825MHz:EIRP 14.18dBm
Wi-Fi Security	WPA3
Ethernet Port	1*10/100/1000Mbps WAN port 3*10/100/1000Mbps LAN ports
Receiving Sensitivity	2.4GHz 11b 11Mbps: $\leq -85\text{dBm}$ 11g 54Mbps: $\leq -75\text{dBm}$ 11n HT20 MCS7: $\leq -75\text{dBm}$ , HT40 MCS7: $\leq -61\text{dBm}$ 11ax HE-SU40 MCS11: $\leq -60\text{dBm}$
	5GHz 11a 54Mbps: $\leq -75\text{dBm}$ 11ac VHT20 MCS8: $\leq -67\text{dBm}$ , VHT40 MCS9: $\leq -65\text{dBm}$ , VHT80 MCS9: $\leq -61\text{dBm}$ 11ax HE-SU80 MCS11: $\leq -55\text{dBm}$ , HE-SU160 MCS11: $\leq -50\text{dBm}$
LED Indicator	1* Power/SYS
Signal Rate	Upto 3000Mbps
Frequency	2.4GHz 574Mbps and 5GHz 2402Mbps
Antenna	4*High-gain omni-directional antennas
Button	Reset, WPS/MESH

Others	
Operating Temperature	0℃ ~ 40℃
Storage Temperature	-20℃ ~ 70℃
Operating Humidity	10%~90% non-condensing
Storage Humidity	5%~90% non-condensing
Default Login Username	admin
Default Login Password	admin
Certificate	CE/FCC

## Packaging List

Material	QTY
KS-AX3000E	1
QIG	1
Power Adapter	1
Cable	1

## Relevant Useful Products

Model	Description
KS-N304E	300Mbps Desktop Wireless N Router
KS-HG100	GPON 1*GE+CATV ONT
KS-WE1200	1200Mbps Dual-band 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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