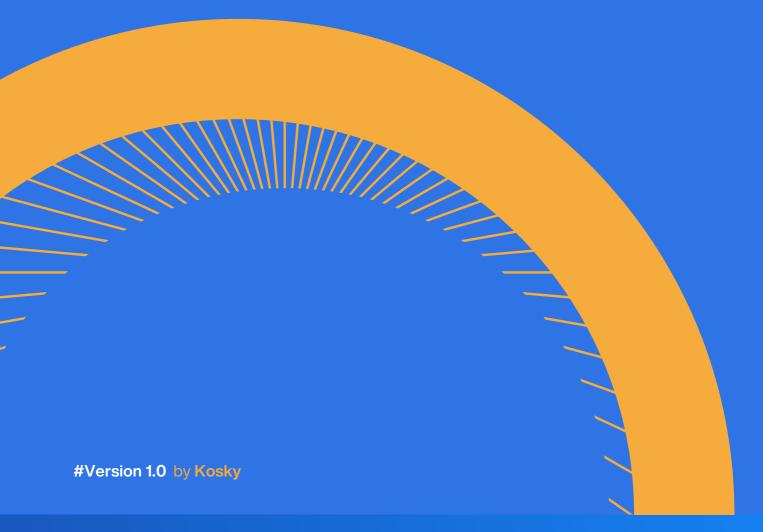


KS-PE3000

3000M Wi-Fi 6 Bluetooth 5.2 PCle Nework Card



KS-PE3000

Introduction



KS-PE3000 is the incomparable 802.11ax Wi-Fi 6 PCle adpater, which supports dual-band wireless transmission rate upto 3000Mbps and Bluetooth 5.2 with faster speeds and broader coverage for your Bluetooth devices. By using KS-PE3000 desktop PCle adapter you can not only connect the computer to a new-gen high-speed wireless network but also enjoy high-performance of HD/4K multimedias and real-time online gaming. Adoption of Intel Wi-Fi 6 AX200 chispet brings faster gigabit wireless and dramatically improve the connected experience wherever you are. At the same time KS-PE3000 has 2*6dBi dual-band detachable anteanns, which provides stable and strong wireless signal over a long distance. In one word KS-PE3000 is the lastest high-quality PCle network card for the desktop computer users who would like to enjoy the ultimate wireless performance and high-speed Wi-Fi.

Highlights

- √ Uncomparable Wi-Fi 6 speed of 2.4GHz upto 574Mbps and 5GHz upto 2402Mbps
- \surd Compatible with latest Bluetooth 5.2 achieves 2x faster speed and 4x broader coverage
- √ Adoption of Intel® Wi-Fi 6 chipset can definitely unlock the potential of your wireless router
- \surd 2*6dBi high-gain antennas ensure greater wireless coverage and enhance the stability
- √ Adoption of latest security WPA3 provides stronger protection for personal password
- √ Compatible with mainstream operating system such as Windows10/11, Linus* and Chrome OS*
- $\sqrt{\,}$ Backword compatibility so as to fully support IEEE802.11ac/a/b/g/n Wi-Fi standard
- √ OFDMA and MU-MIMO assure the experience of more devices with less congestion



Key Features

♦ New generation 802.11ax wireless standard

The latest Wi-Fi technology brings absolutely new speed experience of faster network loads and more device connections.

◆Dual-band Wi-Fi 6 3000Mbps PCle adapter

Excellent Wi-Fi 6 speed breaks the gigabit speed limitation upto 2402Mbps at 5GHz and 574Mbps at 2.4GHz.

◆Adoption of OFDMA and MU-MIMO technology

OFDMA creates separate channels for devices to communicate and MU-MIMO allows multiple clients to simultaneously receive the data.

◆2*6dBi high-gain antennas for better Wi-Fi coverage

Two powerful high-gain antennas positively extend the existed Wi-Fi coverage and offer a fast and smooth online experience.

♦Compatible with latest Bluetooth 5.2 technology

Bluetooth 5.2 brings much better experience for coordination with your game constroller, keyboards, headphones and other devices.

Advanced network security standard WPA3

Providing more secure and individualized encryption for personal password safety and strongly protect your network from wireless hacking.



Specification

Product Information		
Model	KS-PE3000	
Dimensions	M.2 2230: 22*30*2.4mm M.2 1216: 12*16*1.67mm	
Specifications		
Chipset	AX200	
Wi-Fi Standard	IEEE802.11a/b/g/n/ac/ax Wi-Fi 6 and BT5.2 Wi-Fi: PCI-E and BT: USB	
Wi-Fi Security	WPA, WPA2 and WPA3	
PCI Bus	PCI-E-X1/X4/X8/X16	
Frequency Range	Wi-Fi 2.4GHz/5.8GHz and BT 2402~2483MHZ	
Antenna	2*6dBi detachable antennas	
Transmission Rate	2.4Ghz upto 574Mbps and 5.8GHz upto 2400Mbps	
Supported OS	Microsfot Windows 10/11, Linux* and Chrome OS*	
Radio ON/OFF Control	Spported	
Connection Interface	M.2 PCle/USB	
WLAN Standard	IEEE802.11-2016 and select amendments	
Bluetooth	Advanced bluetooth 5.2	
Others		
Operating Temperature	0℃~60℃	
Storage Temperature	-20°C ~70°C	
Operating Humidity	10%~90%RH non-condensing	
Storage Humidity	5%~90%RH non-condensing	
Certifications	CE/FCC	

Packaging List

Material	QTY
KS-PE3000	1
SMA Antenna	1
QIG	1

Relevant Useful Products

Model	Description
KS-AX3000	3000M Wi-Fi 6 New-gen Wireless Router
KS-AP3000	3000M Wi-Fi 6 New-gen Ceiling AP
KS-HG610	AX3000 Next-gen Wi-Fi GPON 1*10G+3*GE+1*POTS ONUT

Note:

For more information about the recommended products you can check our website or freely contact our product R&D team by E-mail: $\frac{1}{2} \frac{1}{2} \frac{1}$





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