



KS-PE3000

3000M Wi-Fi 6 Bluetooth 5.2 PCIe Network Card

#Version 1.0 by Kosky

KS-PE3000

Introduction



KS-PE3000 is the incomparable 802.11ax Wi-Fi 6 PCIe adapter, 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 PCIe 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 chipset 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 antennas, which provides stable and strong wireless signal over a long distance. In one word KS-PE3000 is the latest high-quality PCIe 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
- ✓ 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
- ✓ 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, Linux* and Chrome OS*
- ✓ Backward 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 PCIe 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 controller, 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	Microsoft Windows 10/11, Linux* and Chrome OS*
Radio ON/OFF Control	Supported
Connection Interface	M.2 PCIe/USB
WLAN Standard	IEEE802.11-2016 and select amendments
Bluetooth	Advanced bluetooth 5.2
Others	
Operating Temperature	0℃ ~ 60℃
Storage Temperature	-20℃ ~ 70℃
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: support@koskyglobal.com

Exceed Your **Expectation**



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