









AX3000 Wireless Dual Band PCI-E Adapter

Model No. **X3000PX**

-  Next-Gen Wi-Fi 6 Standard
-  2402Mbps (5GHz)+574Mbps (2.4GHz)
-  External High-gain Antennas, Wider Signal Coverage
-  OFDMA&1024-QAM, Ultra-low latency and More Fun
-  DL/UL MU-MIMO, Ultra-fast Wi-Fi for Extreme Gaming
-  Bluetooth5.0, capability BT4.2/4.0

➤ Overview

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X3000PE is a dual band wireless PCI-E network adapter which adopts the Next-GEN IEEE802.11ax Wi-Fi standard.

The very latest Wi-Fi 6 standard guarantees extreme speed, ultra-low latency, and uninterrupted connectivity.

Utilizing the Wi-Fi 6 foundation, X3000PE is designed to liberate your gaming from cables and fully optimize your gameplay. It supports to share the simultaneous 2.4GHz and 5GHz wireless signal with other wireless terminals from the Wi-Fi source,

which makes it an ideal wireless adapter for your computers. Meanwhile, with an external omni-directional antenna, it greatly improves the wireless reception sensitivity and the Wi-Fi performance.

Generally, it is a good choice for your computer and drives your PC to peak performance.



➤ Features

- Comply with IEEE 802.11 ax/ ac/a/b/g/n standards.
- Up to 3000Mbps transmission rate for Wi-Fi network on both 2.4GHz(574Mbps) and 5GHz(2402Mbps).
- Reliable Connections—Intel® Wi-Fi 6 chipset.
- Support Bluetooth 5.0, including 2x faster speed and 4x broader coverage compared with Bluetooth 4.2.
- Two external high gain antennas improve the sensitivity of signal transmission and reception.
- Highest Multi-client performance with DL/UL MU-MIMO allows to choose the optimal Wi-Fi.
- 1024-QAM high data rate Modulation delivers powerful, continuous Wi-Fi to fully unlock the potential of Wi-Fi 6 router.
- High Speed PCI-e port provides stable Wi-Fi transmission.
- Support 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK encryption.
- Support Windows 10(64-bit) operating system.



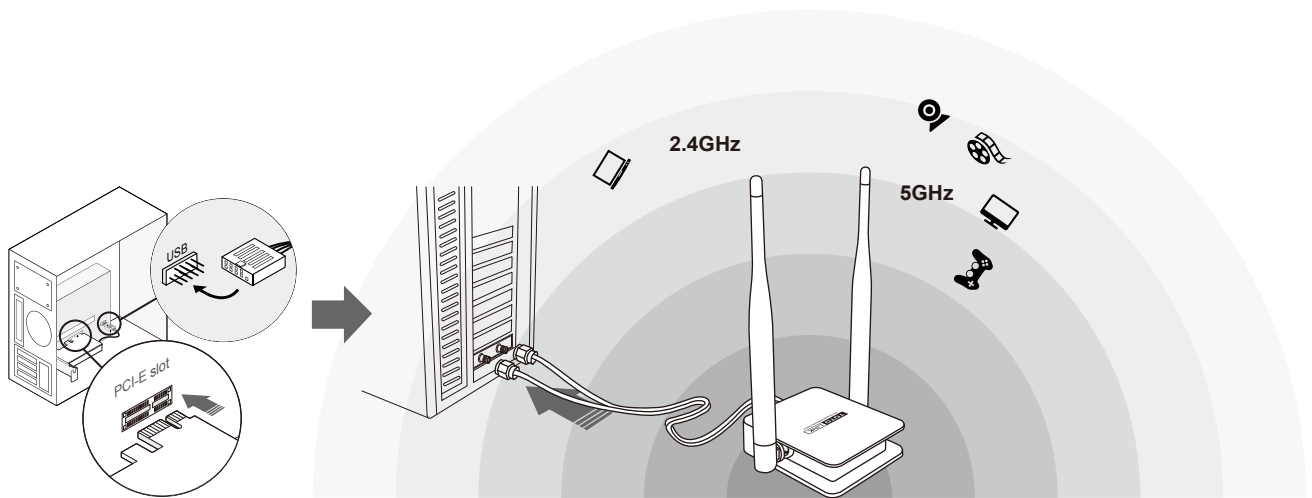
Selling point

Next Generation 11AX Standard

Next generation 11AX standard offers UL/DL OFDMA modulation and demodulation. UL MU-MIMO and high-speed PCI-E interface can bring low latency, high efficiency Wi-Fi data transmission.

3000Mbps High Speed

X3000PE supports simultaneous 574Mbps on 2.4GHz and 2402Mbps on 5GHz, delivering wireless speed up to total 3000Mbps, which easily satisfies the demand for high-speed Internet, such as online gaming, online music and so on.



Intel® Wi-Fi 6 chipset

Reliable Connections—Intel® Wi-Fi 6 chipset brings faster and clearer Wi-Fi to fully unlock the potential of your Wi-Fi 6 router.



External Omni-directional Antenna, Wide Wi-Fi Coverage

Equipped with two external omni-directional antennas, X3000PE offers a higher wireless performance and expands wireless signal to a wider coverage.



Specification

Hardware

Interface	- PCI-E port - Bluetooth Header
LED Indicator	- Intel Wi-Fi 6 Chipset
Dimensions (L x W x H)	- 2* 5dBi desktop antennas
Antenna	- 1*Link - 1*ACT Green

Wireless

Standards	- IEEE 802.11ax, IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.11a - Bluetooth 5.0/4.2/4.0
RF Frequency	- 2.4GHz/5GHz
Bluetooth	- Bluetooth 5.0 and downward capability BT 4.2/4.0
Data Rate	- 5 GHz 11ax: Up to 2402 Mbps(dynamic) 11ac: Up to 1733 Mbps(dynamic) 11n: Up to 300 Mbps(dynamic) 11a: Up to 54 Mbps(dynamic) - 2.4 GHz 11ax: Up to 574 Mbps(dynamic) 11n: Up to 300 Mbps(dynamic) 11g: Up to 54 Mbps(dynamic) 11b: Up to 11 Mbps(dynamic)
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Modulation Technology	- DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM, 256-QAM, 1024QAM

Others

Package Contents	- X3000PX Wireless Adapter *1 - Desktop antenna *2 - Resource CD *1
System Requirement	- Low Profile Bracket *1 - Bluetooth Header Cable*1 - Quick Installation Guide *1
Environment	- Windows 10(64-bit) only - Operating Temperature: 0℃~40℃ (32℉~104℉) - Storage Temperature: -40℃~70℃ (-40℉~158℉) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

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