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PCE-AXE5400

AXE5400 Tri Band WiFi 6E Bluetooth 5.2 PCI-E Adapter

WiFi 6E PCI-E Adapter with 2 external antennas. Supporting 6GHz band, 160MHz, Bluetooth 5.2, WPA3 network security, OFDMA and MU-MIMO



- **ASUS WiFi 6E total solution** - optimized capabilities and performance
- **All-new 6 GHz band** - Less congestion and interference for WiFi connections
- **Latest Bluetooth® 5.2** - improved signal range, faster transmit speeds and less interference
- **Ultrafast WiFi 6 & WiFi 6E** – 4.6X faster speeds, improved connection efficiency and better network security
- **Reduced dead zones with external antenna** - Adjustable antennas allows easy positioning for the best reception.

The WiFi 6E Leader

ASUS provides a total solution for the latest WiFi 6E standard, from routers to wireless PCIe® cards. With carefully designed engineering and supporting software, the ASUS WiFi 6E total solution ensures optimized capabilities and performance.

*** PCE-AXE5400 only supports PCI-Express x1 standard, please install the adapter in PCI-e x1 slot**



Least Congested WiFi



ASUS PCE-AXE5400 is a WiFi 6E PCIe® card that allows your PC to connect to a WiFi 6E router via the dedicated 6 GHz band. This means it will not compete for bandwidth with non-WiFi 6E devices. The 6 GHz band provides up to seven extra 160 MHz channels, providing more bandwidth, more flexibility, and less congestion.

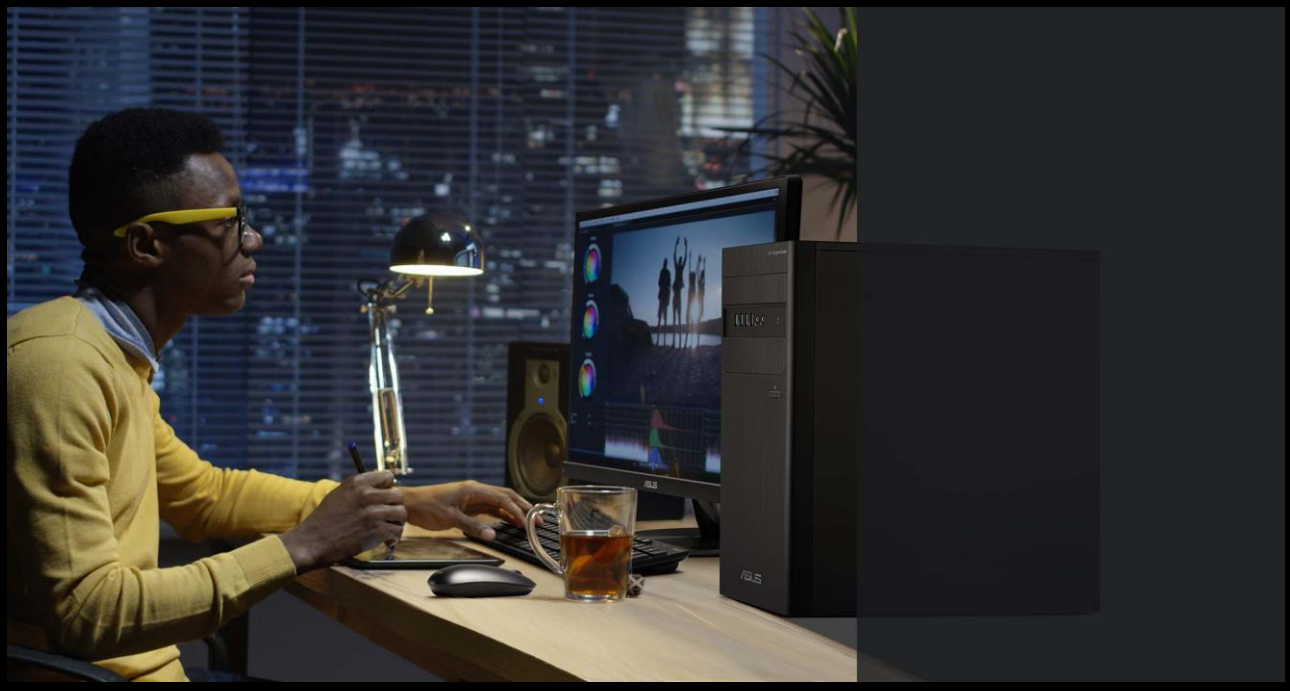
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Ultrafast WiFi 6E Desktop Upgrade

With WiFi 6E's 6 GHz technology and wide 160 MHz channels, PCE-AXE5400 delivers wireless speeds that are up to 4.6X faster* than WiFi 5 devices, making it perfect for even the most bandwidth-demanding tasks.

***Comparison based on a 2x2 160 MHz WiFi 6E PCIe card versus a 2x2 80 MHz WiFi 5 PCIe card**



Low Latency. Fast WiFi.

PCE-AXE5400 adds powerful OFDMA and MU-MIMO functionality your PC. Instead of making your PC wait in turn with other connected devices when transferring wireless data to the router, these technologies allow each device's data to be sent simultaneously. The result is increased network efficiency and lower latency for maximum WiFi performance.

***Router with WiFi 6 & MU-MIMO support required**

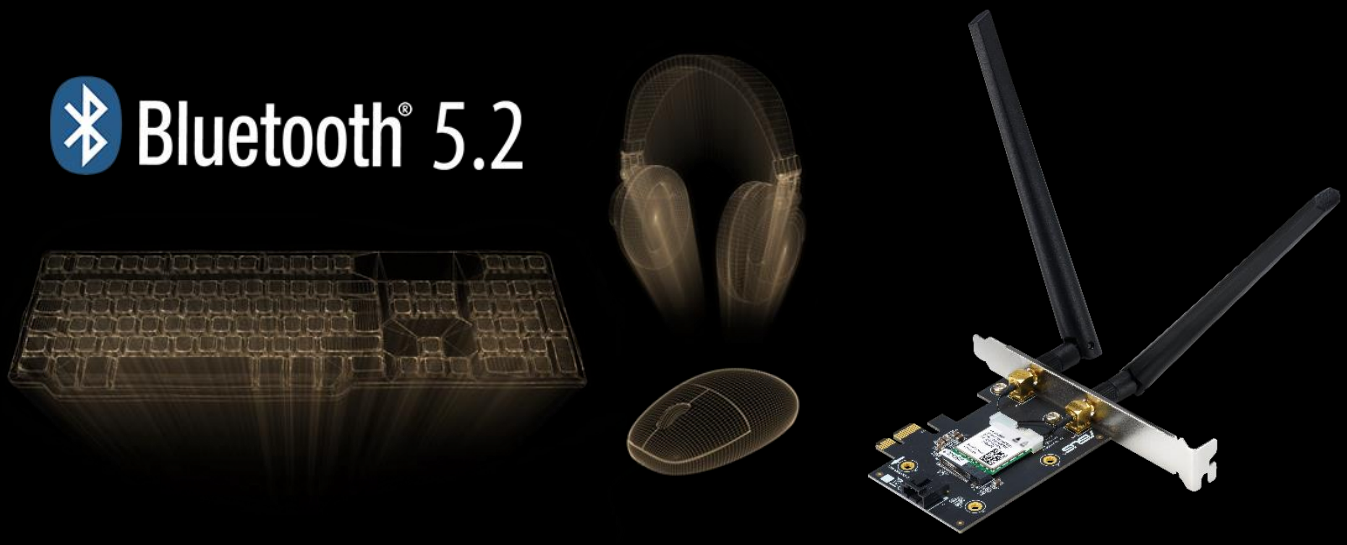


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Instant Bluetooth® Upgrade

Slot PCE-AXE5400 into your PC for an instant upgrade to the latest Bluetooth® 5.2 technology, and enjoy up to 2X-faster transmit speeds and 4X-greater range compared to Bluetooth 4.2. Interference is also reduced compared to Bluetooth 5.0. Your PC will enjoy fast and stable connections to all your wireless peripherals.



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Enhanced Network Security with WPA3

PCE-AXE5400 uses the WPA3 WiFi security protocol, providing your PC with an extra layer of protection against external attacks to give you added peace of mind.



What's Inside the Box

- 1 x PCE-AXE5400 WLAN Card
- 1 x Low Profile Bracket
- 1 x Motherboard USB Cable
- 2 x Antenna
- Warranty Card
- Quick Start Guide

Official Site

Windows 11 Ready

Specifications

- Network Standard: IEEE 802.11 a/b/g/n/ac/ax
- Host Interface: PCI-Express x 1
  (Only compatible with PCI-Express x1 slots)
- Frequency: Tri Band 2.4GHz & 5GHz & 6GHz
- Bluetooth Standard: Bluetooth 5.2
- OS Support:
  - Windows 11 64bit
  - Windows 10 64bit (support 2.4GHz & 5GHz band only)
- Data Rate
  - 802.11b: up to 11 Mbps
  - 802.11a/g: up to 54 Mbps
  - 802.11n: up to 300 Mbps
  - 802.11ac: up to 1733 Mbps
  - 802.11ax (2.4GHz): up to 574 Mbps
    802.11ax (5GHz): up to 2402 Mbps
    802.11ax (6GHz): up to 2402 Mbps
- Dimension: 120.5 * 88.03 * 21.59 mm / 4.74 * 3.47 * 0.85 inch
- Weight: 49.7g/0.11lb

Product	AXE5400 Tri-Band Bluetooth 5.2 PCIe WiFi Adapter
Chipset Solution	MT7922
Standard	IEEE 802.11b/g/n/ax 2.4GHz 1024QAM with 574Mbpps IEEE 802.11a/n/ac/ax 5GHz-1024QAM with 2.4Gbps IEEE 802.11ax 6GHz-1024QAM with 2.4Gbps
Bus Type	PCI Express x1 interface
Frequency Band	Tri Band 2.4G & 5G & 6G
Bluetooth Standard	Bluetooth 5.2
Data Rate (2.4G)	802.11b up to 11Mbps
	802.11g up to 54Mbps
	802.11n up to 300Mbps
	802.11ax up to 574Mbp(40MHz,2.4G)
Data Rate (5G)	802.11a up to 54Mbps 802.11n up to 300Mbps 802.11ac up to 867Mbps (80MHz) 802.11ax up to 2.4 Gbps (160 MHz,5G)
Data Rate (6G)	802.11ax up to 2.4 Gbps (160 MHz,6G)
Wi-Fi Alliance	Wi-Fi CERTIFIED a/b/g/n/ac with wave2 feature: Support WMM,WMM-PS,WPA,WPA2,WPS2: Support Wi-Fi Direct, Protected management Frames: Support Wi-Fi Mircast as Source: Function support but not WFA Miracast
Authentication	64/128-bit WEP,WPA/2 personal and Enterprise, WPA3
Authentication Protocols	Support MS-CHAPv2 MSFT not support PAP/CHAP/TLS/MS-CHAP
Encryption	64bit and 128bit WEP/TKIP/128bit AES-CCMP
Wi-Fi Direct Encryption and Authentication	WPA2-PSK/AES-CCMP
Drivers	Windows 11 64bit Windows 10 64bit (support 2.4GHz & 5GHz band only)

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