PCI Express AC1200 Dual Band Wireless-AC Network Adapter - PCIe 802.11ac WiFi Card

Product ID: PEX867WAC22

The PEX867WAC22 PCI Express AC1200 Wireless Network Adapter lets you add dual-band Wireless-AC connectivity to a desktop computer through a PCIe slot.

With increased demand on network resources, this Wireless-AC adapter gives you exceptional speed and range for your office or home wireless network when paired with an 802.11ac router. This dual-band WiFi adapter supports maximum data rates of up to 867 Mbps on the 5GHz band (3x the speed of Wireless-N), plus up to 300 Mbps on the 2.4GHz band, making it the perfect solution for applications like HD video streaming, online conferencing, file transfers and gaming.

This versatile PCIe wireless card features a 2T2R (2 transmitter, 2 receiver) detachable antenna design, with an included magnetic antenna stand that can easily be mounted to the top or side of your PC case. Plus, the controller card is equipped with a standard profile bracket and includes a low-profile/half-height bracket for installation in small form-factor computers. To integrate with all of your networking devices, the adapter is also backward compatible with 802.11a/b/g/n networks.

Backed by a StarTech.com 2-year warranty, with free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Replace or upgrade the wireless capabilities of your desktop system to the latest standard

• Connect to the less congested 5 GHz WiFi band to avoid interference from common wireless devices such as cordless phones

• Conference online, transfer files, stream HD video or game without lag, through faster wireless performance

Features

- Wireless AC1200 compatible (867 Mbps + 300 Mbps)

- Compliant with 802.11 a/b/g/n/ac standards

- Dual band 2.4 / 5 GHz support (802.11ac is 5 GHz only)

- PCI Express host interface

- 2 Transmitter/2 Receiver (2x2:2) antenna configuration

- Included magnetic antenna stand for side-mounting on your PC case

- Supports WEP (64-128-bit), WPA and WPA2 wireless security

- Supports WMM Quality of Service

- Supports Soft AP mode

- Configured with standard profile bracket, low profile/half-height bracket included

Hardware

Warranty	2 Years
Interface	Wireless Ethernet
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Antenna Configuration	2x2:2 (TxR:S)
Industry Standards	IEEE 802.11ac Draft 2.0, IEEE 802.11n, IEEE 802.11g, IEEE 802.11a, IEEE 802.11b
Chipset ID	Realtek - RTL8812AE

Performance

Maximum Data Transfer Rate	867 Mbps (5 GHz)
	300 Mbps (2.4 GHz)
Full Duplex Support	Yes
Frequency Range	2.400 ~ 2.484GHz
	5.180 ~ 5.850GHz
Security Features	WEP Data Encryption

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WPA and WPA2-PSK Data Encryption

TKIP/AES

WPA and WPA2 Enterprise Data Encryption

Connector(s)		
	Connector Type(s)	PCI Express x1
		Wireless AC (IEEE 802.11ac)
	External Ports	RP-SMA (Coax, Reverse Polarity SubMiniature A)

Software		
	OS Compatibility	Windows XP, 7, 8, 8.1, 10, 11
		Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019

Special Notes / Requirements		
	System and Cable Requirements	Available PCI Express x1 (or higher) slot

Indicators		
	LED Indicators	Link / Act

Environmental		
	Operating Temperature	0C to 60C (32F to 140F)
	Storage Temperature	0C to 70C (32F to 158F)
	Humidity	10~90% RH

Physical Characteristics		
	Color	Green
	Material	Steel
	Product Length	3.4 in [87 mm]
	Product Width	0.7 in [18 mm]
	Product Height	4.7 in [12 cm]
	Weight of Product	2.9 oz [82 g]

**Packaging
Information**

	Package Length	8.3 in [21 cm]
	Package Width	6.1 in [15.6 cm]
	Package Height	2.3 in [59 mm]
	Shipping (Package) Weight	13.7 oz [388 g]

What's in the Box

	Included in Package	PCI Express Wireless AC Card
		5 dBi Dual Band Antennas
		Antenna Stand
		Low Profile Bracket
		Driver CD
		Instruction Manual

*Product appearance and specifications are subject to change without notice.