

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

StarTech 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.

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

Technical Specifications

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
Connector Type(s)	1 - PCI Express x1 Male
Connector Type(s)	1 - Wireless AC (IEEE 802.11ac)
External Ports	2 - RP-SMA (Coax; Reverse Polarity SubMiniature A) Female
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
Security Features	WPA Data Encryption
Security Features	TKIP/AES
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64) Windows Server® 2012, 2008 R2, 2003(32/64)
System and Cable Requirements	Available PCI Express x1 (or higher) slot
Product Length	3.3 in [83 mm]
Product Width	0.7 in [18 mm]
Product Height	4.7 in [120 mm]
Product Weight	2.5 oz [70 g]
LED Indicators	1 - Link / Act
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	0°C to 70°C (32°F to 158°F)
Humidity	10~90% RH
Shipping (Package) Weight	13.1 oz [370 g]
Included in Package	1 - PCI Express Wireless AC Card
Included in Package	2 - 5 dBi Dual Band Antennas
Included in Package	1 - Antenna Stand
Included in Package	1 - Low Profile Bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

