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LONG RANGE, ULTRA-FAST
WI-FI CONNECTIVITY
FOR YOUR DESKTOP PC

PCI20E

HIGHPOWER™ AC1200 WI-FI® PCI-E ADAPTER

DUAL BAND | 500mW

The Amped Wireless High Power AC1200 Wi-Fi PCI-E Adapter allows your desktop computer to connect to Wi-Fi networks from extreme distances and with blazing speed. The PCI20E is a high performance Wi-Fi network adapter that features high power amplifiers and high gain dual band antennas to achieve up to three times the range of standard Wi-Fi adapters. It connects to your desktop PC with PCI-E and features AC1200 Wi-Fi technology to provide unprecedented Wi-Fi connection speeds: Up to 300Mbps for 2.4GHz networks and up to 867Mbps for 5.0GHz connections. The included magnetic antenna stand allows the antennas to be placed on top of a desk or mounted to a computer case for optimal signal reception and transmission. The PCI20E allows you to stream HD content, download large files, and surf the web with more range and speed than ever before.

UP TO 3X RANGE*

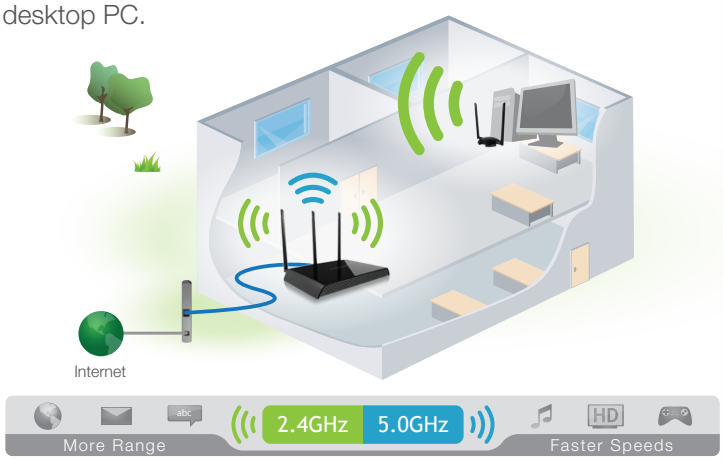
MAGNETIC ANTENNA STAND

The adapter includes a desktop antenna stand for even better Wi-Fi performance.

The antenna stand has a magnetic base to allow for easy mounting to the side of a PC case.

HOW IT WORKS

The PCI20E adds long range, ultra-fast, 2.4GHz or 5.0GHz Wi-Fi connectivity to your desktop PC.



AMPED WIRELESS DIFFERENCE

STANDARD WI-FI ADAPTER

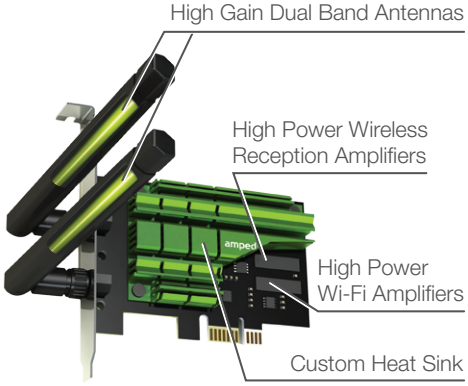
- Internal antennas
- No amplifiers
- Interference from case

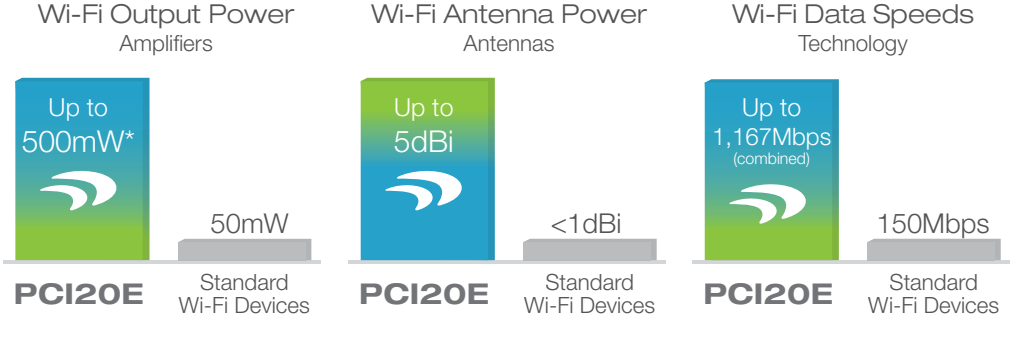
VS

HIGH POWER WI-FI ADAPTER
PCI20E

UP TO **3X** MORE RANGE & SPEED!*

HIGH POWER TECHNOLOGY





mW = Milliwatt (Output Power Measurement)
dBi = Decibel (Antenna Gain Measurement)

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LONG RANGE, ULTRA-FAST WI-FI CONNECTIVITY FOR YOUR DESKTOP PC

SIMPLE SETUP

1. Insert Wi-Fi Adapter into PC

2. Insert the CD and install the software

3. Scan for your wireless network and connect

PRODUCT COMPARISON

	Standard PCI-E Wi-Fi Adapter	AC1200 Wi-Fi PCI-E Adapter **PCI20E**
SPEED PERFORMANCE		
N150 Wireless-N Speeds	●	
AC1200 Dual Band N+AC Speeds		●
COVERAGE		
Limited Range	●	
Up to 3X Range		●
ANTENNAS		
Internal / No Gain	●	
External / Detachable		●
High Gain		●
Dual Band		●
KEY FEATURES		
Magnetic Antenna Stand		●
Buffer-Free HD Streaming		●
Ultra-Fast Data Transfers		●
High Efficiency Heat Sink		●

2.4GHz | 5.0GHz DUAL BAND

WORKS WITH 802.11 a/b/g/n AC

TECHNICAL SPECIFICATIONS

Wireless Standard: 802.11a/b/g/n/ac
Frequency Band: 2.4GHz/5.0GHz
Wireless Speed: AC1200
Data Rate: 2.4GHz: 300Mbps (Tx/Rx)
5.0GHz: 867Mbps (Tx/Rx)
Wireless Output Power: Up to 27dBm (max)
Amplifiers: 2 x 2.4GHz Amplifiers
2 x 5.0GHz Amplifiers
4 x Low Noise Amplifiers
Wireless Security: WEP, WPA, WPA2, WPA Mixed, WPS
Antennas: 2 x High Gain Dual Band Antennas
Port: 1 x RJ-SMA Antenna Connectors
Interface: PCI-E
Warranty: 1 Year

SETUP REQUIREMENTS

- Available Wireless 2.4GHz or 5.0GHz 802.11a/b/g/n or ac Network
- Windows® XP, Vista, 7, or 8
- CD/DVD drive
- 100MB of free disk space
- One available PCI-E slot

PRODUCT CONTENTS

- 1 x High Power AC1200 Wi-Fi PCI-E Adapter
- 2 x High Gain Dual Band Antennas
- 1 x Antenna Stand
- 1 x Setup Guide
- 1 x CD: Software

NEXT GEN GIGABIT WI-FI (AC1200)

BLAZING FAST DATA TRANSFERS

Transfer large files instantly with ultra-fast Wi-Fi transfer speeds.

Specifications are subject to change without notice.

* Range specifications are based on performance test results. Actual performance may vary due to differences in operating environments, building materials and wireless obstructions. Performance may increase or decrease over the stated specification. Wireless coverage claims are used only as a reference and are not guaranteed as each wireless network is uniquely different. Maximum wireless signal rate derived from IEEE 802.11 standard specifications. Actual data throughput may vary as a result of network conditions and environmental factors. AC1200 wireless signal speeds achieved when connecting to other 802.11ac devices. Output power specifications are based on the maximum possible radio output power plus antenna gain.

Designed by Amped Wireless in the USA

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