RP- WP5122E

Wireless-N PCI-E Adapter, 2T2R

The IEEE 802.11n Wireless PCI-E adapter provides users to launch IEEE 802.11n wireless network at 300 Mbps in the 2.4GHz band, which is also compatible with IEEE 802.11b/g wireless devices at 11/54 Mbps. You can configure this adapter with Ad-hoc mode to connect to other 2.4GHz wireless computers, or with Infrastructure mode to connect to a wireless AP or wireless router for accessing to Internet. This adapter includes a convenient Utility for scanning available networks and saving preferred networks that users usually connected with. Security encryption can also be configured by this utility
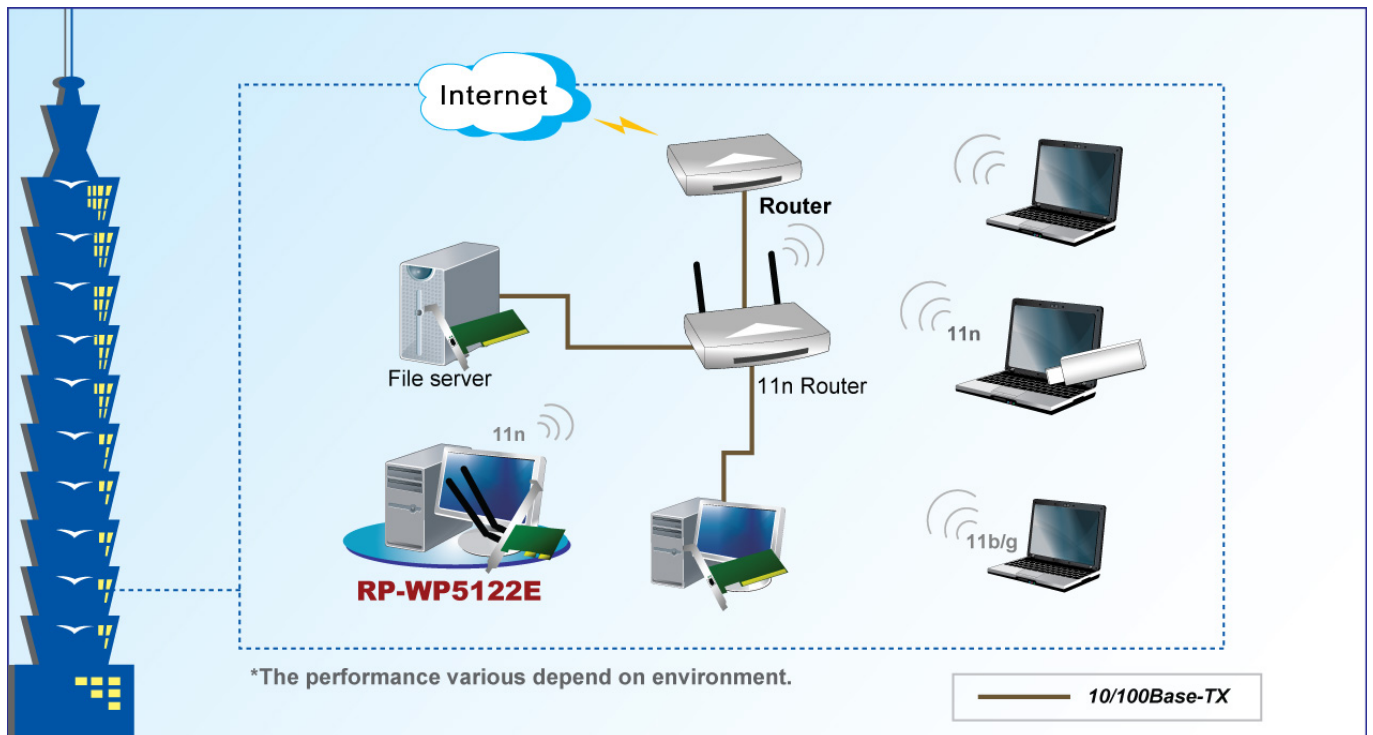
Features

- Comply with IEEE 802.11b, 802.11g and 802.11n standard for 2.4GHz Wireless LAN
- Comply with PCI Express Base Specification Revision 1.1
- Much faster than Wireless-G, but can also connect to Wireless-N, -G and -B networks
- Support Windows2000/XP/2003/Vista/win7, MAC OS, Linux
- Provides enough bandwidth to support video streaming, music downloads, file sharing, etc.
- High gain external antenna brings better performance than conventional internal antenna
- Supports roaming between access points when configured in Infrastructure mode
- Low power consumption
- Easy-to-use setup wizard
- Additional Low Profile Bracket

Specifications

Standards	• IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Interface	• Complies with PCI Express Base Specification Revision 1.1
Antenna	• Two 2dBi Detachable Antenna
Frequency band	• 2.412GHz-2.4835GHz
Security	• 64/128-bit WEP, WPA, WPA2
Data Transfer Rates	• IEEE 802.11b: 1, 2, 5.5 and 11 Mbps • IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps • IEEE 802.11n: up to 300Mbps
Modulation	• OFDM, CCK
Transmit Power	• 802.11n: 13dBm • 802.11g: 14dBm • 802.11b: 18dBm
Range Coverage	• Indoor 35~100 meters • Outdoor 100~300 meters
LED Display	• Link (Green), Act (Blink green)
Software	• Windows 2000, XP, Vista, Linux
Environment	• Operating Temperature: 0°C ~ 40°C • Operating Humidity: 10 ~ 85% RH (Non-Condensing)
Certifications	• FCC, CE

Application

*The performance various depend on environment.

Ordering information

RP-WP5122E   Wireless-N PCI Express Adapter, 2T2R, w/ additional Low Profile Bracket