W415

IEEE 802.11a/b/g Wireless Mini PCI



GENERAL DESCRIPTION

The W415 IEEE 802.11a/b/g mini PCI supports all three existing IEEE 802.11 networking standards - 11a, 11b, and 11g - so you can connect to any Wi-Fi wireless network. 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 router for accessing to Internet. This adapter includes a convenient Utility for scanning available networks and saving preferred networks profiles that users usually connected with. Security encryption can also be configured by this utility.

Key features

- Complies with IEEE 802.11a, IEEE802.11b, IEEE802.11g wireless standards
- 2.4GHz and 5.GHz dual-band transceivers
- Built-in 2 I-PEX antenna connectors
- Complies with Mini PCI type III
- High Speed transfer data rate up to 54Mbps
- Support QoS: 802.11e, WMM
- Supports wireless data encryption with 64/128-bit WEP, TKIP, WPA, WPA2, 802.11i
- Range Coverage: Indoor 35~100 meters; Outdoor 100~300 meters
- Compliant with FCC Part 15.247 for US, ETS 300 328 for Europe
- Supports driver for Windows 98SE/ME/2000, XP 32/64, Vista 32/64; Linux (2.4.x/2.6.x), and Mac (10.3.x/10.4.x).
- Supports auto-installation

Product specification

Standards
IEEE 802.11a, IEEE 802.11b, IEEE 802.11g

Interface
Mini PCI type III

Security
64/128-bit WEP, TKIP, WPA, WPA2, 802.11i

Receiver Sensitivity
802.11b-85dBm, 802.11g-70dBm,
802.11a-70dBm

Transmit Power
802.11b 18dbm, 802.11g 14dbm,
802.11a 12dBm

Data Rate
802.11b: 1, 2, 5.5 and 11Mbps
802.11 a/g: 6,9,12,18,24,36,48, and 54Mbps

Channel
USA 11, Europe 13

Range Coverage
Indoor 35~100 meters
Outdoor 100~300 meters

Temperature
Operating: 0 ~ 40°C
Storage: -10 ~ 70°C

Humidity
Operating: 10% ~ 90% RH (non-condensing)
Storage: 5% ~ 95% RH (non-condensing)

Dimensions
60x 45 mm (T=3mm)

Emission
FCC Class B, CE Mark

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