



MA311

Wireless PCI Adapter 802.11b 11 Mbps/2.4 GHz

Wireless Networking for Your Desktop PC

- *Help is there when you need it! NETGEAR provides, 24x7 telephone and e-mail technical support in English, with selected local language support during office hours.*

For Businesses

You couldn't ask for an easier way to give your employees constant and untethered, fast 11 Mbps access to corporate resources, e-mail and your cable/DSL Internet connection. Whether you're setting up a new office or relocating your existing workplace to remote sites in your building, NETGEAR's 802.11b Wireless PCI Adapter networks any desktop PC without the time, trouble, or expense of Ethernet cabling. Standards-based 802.11b technology plus 128-bit Wired Equivalent Privacy (WEP) data encryption provide your network with the highest level of reliability and protection. Compatible with the vast majority of desktop PCs, this wireless adapter supports Windows 98/Me/NT/2000, features easy Plug and Play installation, and comes with a 3-year limited warranty.

For Homes

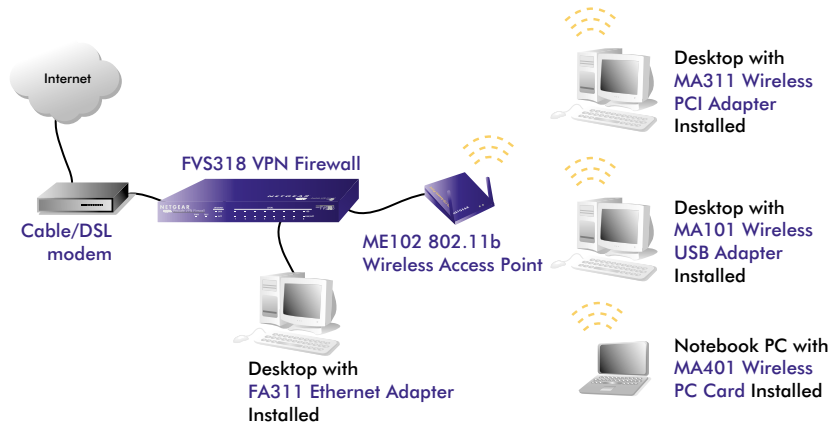
It's incredibly easy to create a wireless network for sharing your broadband Internet access among multiple PCs anywhere in and around your home or office. All you need is NETGEAR's 802.11b Wireless PCI Adapter for desktop PCs. You'll save the time, trouble, and expense of traditional Ethernet cabling, and everyone can benefit from cable/DSL Internet access, e-mail, and shared resources with a high, 11 Mbps data rate. Your network is secure with 128-bit Wired Equivalent Privacy (WEP) data encryption, while standards-based 802.11b technology provides the highest level of reliability. The MA311 is compatible with the vast majority of desktop PCs, supports Windows 98/Me/NT/2000, features easy Plug and Play installation, and comes with a 3-year limited warranty.

Beneficial ● Quickly networks your employees for constant access to corporate resources, e-mail, and the intranet at high-speed 11 Mbps data rates. Connects seamlessly to wired Ethernet and PC network LANs to augment existing networks quickly and easily, and features low power consumption.

Uncomplicated ● Delivers wireless networking without the hassle or cost of running new cabling. Plug and Play functionality makes it easy to install and use. It supports multiple operating system platforms, including Microsoft® Windows 98, Windows NT, Windows Me, Windows 2000, and Windows XP.

Protected ● Provides 128-bit WEP encryption for the highest level of standards-based data security.

Dependable ● Reliable, 802.11b standards-based wireless networking technology and thorough testing ensure quality and dependable operability. NETGEAR backs this up with a limited 3-year warranty.



Technical Specifications

- **Radio Data Rate:**
 - 1, 2, 5.5, 11 Mbps (Auto Rate Sensing)
- **Frequency Band:**
 - 2.4 GHz to 2.5 GHz Direct Sequence Spread Spectrum (DSSS)
- **Operating Range:**
 - Closed Environment
 - @ 1 Mbps 656 ft. (200m)
 - @ 2 Mbps 426 ft. (130m)
 - @ 5.5 Mbps 262 ft. (80m)
 - @ 11 Mbps 196 ft. (60m)
 - Open Environment
 - @ 1 Mbps 1476 ft. (450m)
 - @ 2 Mbps 885 ft. (270m)
 - @ 5.5 Mbps 557 ft. (170m)
 - @ 11 Mbps 394 ft. (120m)
- **Encryption:**
 - 64-bit (also called 40-bit) WEP data encryption
 - 128-bit WEP data encryption
- **Frequency Band:**
 - 5.15 ~ 5.25 GHz (lower band)
for US/Canada, Japan
 - 5.25 ~ 5.35 GHz (middle band)
for US/Canada

- **Electromagnetic Compliance:**
 - FCC Part 15 Sub Class B and Class C
- **Environment Specifications:**
 - Operating temperature: 0 to 50°C
- **Warranty:**
 - Limited 3-year warranty

System Requirements

- Pentium III Class PC with an available PCI 2.2 compliant slot.
- 5 Mbytes of free hard drive space.

Package Contents

- MA311 802.11b Wireless PCI Adapter
- MA311 Resource CD with Windows Drivers
- Quick Installation Guide
- Support Information Card
- Warranty and Registration Card

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- **Bus interface:**
 - 32-bit PCI v2.2 Compliant
- **Provided drivers:**
 - Microsoft Windows 98, NT 4.0, Me, 2000, XP
- **Dimensions:**
 - W: 4.72 in (120 mm)
 - H: 2.60 in (65 mm)
- **Weight:**
 - 80 g (3 oz)
- **Status LED:**
 - LINK