

Connect your notebook PC to
everything on your network



10/100 Mbps **CardBus Mobile Adapter**

FA511

NETGEAR's 10/100 dual-speed CardBus Ethernet PC Card is a 32-bit, high-performance adapter that allows any CardBus-equipped computer to connect to an Ethernet or Fast Ethernet network.

Model FA511 supports hot-swapping, allowing you to insert and remove it as necessary, without having to turn off or reset your PC. With a compact, dongle-free design, Plug-and-Play simplicity, and PCI-like performance, the Model FA511 unleashes the power of today's notebook PCs, allowing you to keep pace with demanding applications and advanced desktop technologies.

CARDBUS SUPPORT

CardBus is a 32-bit bus-mastering architecture that operates at PCI local-bus speeds of up to 33 MHz, yielding a peak bandwidth of 132 MB/sec. Unlike 16-bit PC Cards, which operate at slower ISA bus speeds of 8 MHz using an ISA-like asynchronous protocol, CardBus provides a fast 32-bit multiplexed address/data path that allows full access to Fast Ethernet's bandwidth.

By utilizing internal bus speeds, CardBus can operate at speeds six times faster than a 16-bit PC Card and five times faster than a 100 Mbps PC Card. In addition, CardBus PC cards operate at 3.3 Volts, saving power and conserving your PC's battery life.

BUS-MASTERING CAPABILITY

Model FA511 features leading-edge bus-mastering capabilities to optimize throughput while maintaining low CPU utilization. Bus mastering allows the FA511 to assume control of your PC's system bus, accelerating data transfers. 16-bit PC Cards, by comparison, act as a bus slave and pass data through the CPU before sending it to the host system. This slows data transfers and strain your PC's processor.

LOW VOLTAGE

The Model FA511 consumes a low 3.3 Volts of power. Low power consumption prolongs your PC's battery life, which allows you to run your PC longer without needing to recharge it or use a power supply.

ROBUST

Designed specifically to harness the power of the latest networking technology with 32-bit ,10/100 performance.

SIMPLE TO USE

Plug and Play makes installation a snap.



Help is there when you need it!

NETGEAR provides free, 24x7

telephone and e-mail technical

support in English, with selected

local language support during

office hours.

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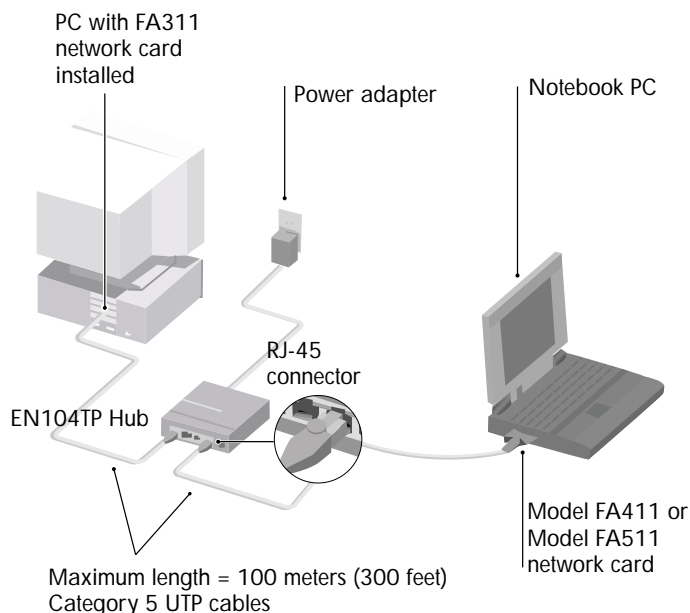
In-Country Phone Support

(24x7 phone support in English, local language support during office hours.)

Australia	1800-787-638	Korea	00308-11-0319
Austria	00800-06384327 (00800-0-NETGEAR)	Netherlands	0800-023-0981
Denmark	808-82179	New Zealand	00800-1233-4566
Canada	1-888-NETGEAR	Norway	800-12041
Finland	0800-111-036	Singapore	001-800-1233-4566
France	0800-77-17-53	Sweden	0200-298-298
Germany	00800-06384327 (00800-0-NETGEAR)	Switzerland	00800-0638-4327 (00800-0-NETGEAR)
Hong Kong	001-800-1233-4566	United Kingdom	020-7216-0014
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TECHNICAL SPECIFICATIONS

Dimensions

W 111.3mm (4.38")
D 54.0mm (2.13")
H 14.2mm (0.56")

Weight

55g (1.94 oz)

Physical Specifications

Operating temperature:
0 to 55°C
Humidity:
10 to 90%, noncondensing

Power Consumption

0.5 W (max.)

Warranty

5 years

Standards Compliance

IEEE 802.3u 100BASE-TX Fast Ethernet
IEEE 802.3i 10BASE-T Ethernet
Support auto-negotiation

IRQ

Automatically assigned by Plug and Play system

Media Interface

RJ-45

Network Data Transfer Rate

10 Mbps Ethernet
100 Mbps Fast Ethernet

Network Media

10BASE-T – UTP Category 3,4,5
100BASE-TX – UTP Category 5,
EIA/TIA 568 100ohm
shielded twisted pair

PACKAGE CONTENTS

CardBus Fast Ethernet Mobile Adapter
Installation manual
Installation CD-ROM
Support Information Card

DRIVERS PROVIDED

Microsoft Windows

Windows for Workgroups 3.11
Windows NT v4.0/2000
Windows 95/98/Me

Novell NetWare

Client for DOS/Windows (16 bit)

Others

Linux (Red Hat) 6.0, 6.1, 6.2, 7.0
NDIS 2.0 for DOS

