



3-D Reach Wireless Adapters

Wireless Connectivity

802.11b/g connectivity for laptop and desktop computers with PC Card and USB form factors.

Secure

WEP or WPA encryption protects the wireless connection from unwanted intrusions.

Quick and Easy

Simple plug and play installation makes connecting any Windows-based PC to a wireless network quick and easy.



Netopia® 3-D Reach® Wireless Adapters

PC Cards and USB Adapters for Wireless Networking



Netopia 3-D Reach Technology

When Netopia 3-D Reach Wireless Adapters are used with Netopia routers and gateways featuring 3-D Reach, wireless users will experience better wireless range, performance, and coverage than competitive wireless solutions.

Netopia offers an extensive portfolio of 3-D Reach enabled routers and gateways for both residential and business applications, including the 3300 Series, Parental Controls Gateway, Hot Spot Gateway, and Point-of-Sale (POS) Gateway for retail businesses.

Robust wireless connectivity for laptop and desktop computers in residential, business, and Wi-Fi hot spot applications

Netopia 3-D Reach Wireless Adapters are available in both PC Card and USB adapter form factors to allow laptop and desktop computers to securely connect to wireless networks using the 802.11g standard. The adapters support both Wired Equivalent Privacy (WEP) and Wi-Fi Protected Access (WPA) for robust security.

Designed for Windows-based PCs, the 3-D Reach Wireless Adapters are Wi-Fi CERTIFIED™ and seamlessly connect to any 802.11b/g wireless router or gateway at speeds up to 54 Mbps – providing high-performance connectivity to all types of broadband networks.

The PC Card form factor is perfect for laptop computers and allows a user to roam throughout a household, office, or Wi-Fi hot spot. The USB adapter provides the maximum in flexibility, allowing any laptop or desktop with a USB port to connect to a wireless network – ideal for network installations where connecting Ethernet cables is not convenient.

The 3-D Reach Adapters feature an easy-to-use installation wizard for quick and easy setup. Once installed, the Netopia Configuration Utility runs in the system tray and provides advanced wireless networking and security features, including:

- Signal Strength and Link Speed Monitoring
- Wireless Network Availability
- Security (WEP or WPA)
- Network Profile Creation

The Netopia 3-D Reach Wireless Adapters provide robust, secure, and seamless wireless networking for a multitude of applications.

Netopia® 3-D Reach® Wireless Adapters

PC Cards and USB Adapters for Wireless Networking

Technical Specifications

PART NUMBERS	PCMCIA	USB	CHANNELS	OPERATING MODE
TER/GCBA-N1	✓		11	802.11b/g
TER/GCBA-E1	✓		13	802.11b/g
TER/GUSB-N1		✓	11	802.11b/g
TER/GUSB-E1		✓	13	802.11b/g

Specification

- IEEE 802.11b
- IEEE 802.11g
- Frequency band / Operating Channels:
 - 2.4-2.462 GHz, North America Channel Set (1-11)
 - 2.4-2.72 GHz, ETSI Channel Set (1-13)
- Media Access Protocol
 - Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA)

Interface Standards

- CardBus Card Standard Specification 7.0 (PC Card)
- USB Specification 2.0 Compliant (USB Adapter)

Driver Support

- Windows 98SE, Me, 2000, XP
- Mac OS 10.2 and up drivers available from third party
- Linux drivers available from third party

Security

- Static and Dynamic WEP Encryption:
 - 40- and 104-bit (RC4) Encryption
- WPA Encryption (802.1x, EAP, TKIP/MIC)

Supported Data Rates

- 802.11b: 1, 2, 5.5, 11 Mbps, auto-rate fallback
- 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps auto-rate fallback

Regulatory

- Wi-Fi Certified
- FCC Part 15, Class B
- Industry Canada
- CE Mark

Environmental

- Operating: 0 to +45C
- Storage: -20C to +70C
- Power: PCMCIA bus-powered (PC Card)
USB bus-powered (USB Adapter)

Weight and Dimensions

- Weight:
 - PC Card: 35g
 - USB Adapter: 40g (w/o Cradle)
- Dimensions:
 - PC Card: 0.2" (5mm) H, 2.1" (54mm) W, 4.625" (117.475mm) L
 - USB Adapter: .4375" (11.125mm) H, 1" (25.4mm) W, 3.5" (88.9mm) L

LEDs

- Power, link, activity



3D REACH WA V07/05