

# 3Com® HomeConnect™



## ADSL Modem Dual Link

*With Ethernet and USB connectors*



### Key Benefits

**Greater flexibility means greater capability.** Computers attached to USB and Ethernet ports can share local resources and the ADSL line.

**Faster, easier connection.** ADSL provides an always-on, high bandwidth connection capable of downstream speeds up to 8 Mbps.<sup>1</sup>

**Easy configuration.** Dual Link Manager software comes preinstalled. The HTML-based interface walks you through installation.

**Keep up to date.** Instant Update software checks for new software updates as often as you choose, and downloads them for you.

The 3Com® HomeConnect™ ADSL Modem Dual Link is a reliable, easy-to-install ADSL modem providing unrivaled flexibility. By providing both USB and Ethernet ports, computers can share local resources (such as printers and files) and access to the Internet – simultaneously!<sup>1</sup> The Dual Link modem can grow along with your home networking needs. Initially attach a computer to either port. Attach a second desktop or notebook computer to the other port. Add a stackable 3Com OfficeConnect® Ethernet hub to attach even more computers.

Asymmetric Digital Subscriber Line technology, or ADSL, can bring data, voice and video into your computer up to 150 times faster than a 56K modem<sup>2</sup> – up to 8 Mbps downstream, and 1 Mbps upstream. Since the connection is always on, there's no need to dial in to a server, no more waiting to establish your connection, no more busy signals. And even though ADSL uses your existing phone line, you can go online and talk on the phone at the same time.

The 3Com HomeConnect ADSL Modem Dual Link provides the innovation, ease of installation and management you've come to

expect from 3Com products. The Dual Link Manager is a simple, HTML-based, graphical interface that comes installed on the modem itself. Using any browser, it walks you through the installation process step by step. To make sure you have the latest software updates, the Dual Link modem also comes with Instant Update software. Instant Update periodically checks for newer software versions and, if there is an update available, lets you download it at your convenience.

The Dual Link modem provides investment protection by supporting popular DSL connection models (including bridging, PPP-over-Ethernet and PPP-over-ATM) using the same consistent interface in each case. Our "Inner/Outer Pair Autodetect" feature ensures that your modem will automatically determine how your DSL line is set up by your service provider to get you online as quickly as possible.

The Dual Link modem brings together the best combination of ADSL technology, 3Com reliability, and the flexibility of USB and Ethernet ports to keep you and your home as connected as possible.

1. Simultaneous port connection depends on the services offered and the encapsulation protocol used by your broadband service provider (PPP over ATM allows only one user at a time per virtual circuit).

2. Assumes that 56K modems are limited to operate at 53K. Actual speeds will vary depending on service offered by your local broadband service provider and other factors.

# External/ADSL

Simultaneous USB and Ethernet connections



Part No. 3CP4130

### Key Benefits

**Greater flexibility means greater capability.** Computers attached to USB and Ethernet ports can share local resources and the ADSL line.

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**Easy configuration.** Dual Link Manager software comes preinstalled. The HTML-based interface walks you through installation.

**Keep up to date.** Instant Update software checks for new software updates as often as you choose, and downloads them for you.

### Minimum System Requirements

- 10MB available hard drive space
- Computer with Ethernet 10BASE-T interface and/or USB port
- ADSL service from your telephone company
- External voice/data splitter and data access when operating in full-rate mode. (Splitter or line filters may be required and installed by your service provider)

### Operating Systems Supported

- Ethernet port: Windows 95, Windows 98, Windows 2000, Windows NT 4.0 operating system (Contact 3Com Customer Support for help with configuration under Windows 3.x, DOS, Macintosh, UNIX or Linux operating systems)
- USB port: Windows 98, Windows 2000

### Standards and Protocols Supported

- Local interface:
  - IEEE 802.3 10BASE-T (RJ-45)
  - USB 1.0, 1.1 (Type B)
  - Bridging: 802.1d Spanning Tree

- WAN interface:
  - Full Rate ADSL: ANSI T1.413, Issue 2; ITU G.992.1(G.dmt)
  - Sub Rate ADSL: ITU G.992.2; (G.lite)<sup>1</sup>
- WAN service support:
  - RFC 1483: Bridged Ethernet over ATM;
  - RFC-2516: PPP over Ethernet;
  - RFC-2364: PPP over ATM<sup>2</sup>

### ATM Attributes

- ATM Service Class: UBR
- AAL Type: AAL5
- Virtual Circuits (VCs): Up to 8

### Performance

- Downstream: Up to 8 Mbps<sup>3</sup>
- Upstream: Up to 1 Mbps<sup>3</sup>

### LEDs/Indicators

- Alert, Power, LAN USB, ADSL

### Management

- Web browser
- Telnet
- Console, CLI, RS-232
- ADSL Forum TR-006 (ADSL Line MIB)

### Operating Temperature

- 0-40° C (32-120° F)

### External Power Supply

- Input: 100-240 VAC
- Output: +12, -12, 5VDC

### Regulatory Approvals

- FCC approved Part 15, Class B
- IC approved CS-03 and ICES-003
- UL Listed
- CUL Listed
- EN 55022 (CISPR 22), Class B
- EN 50082-1
- EN 60950

### Package Contents

- HomeConnect ADSL Modem Dual Link
- Power cord and adapter
- User's Guide
- Software CD
- USB driver diskette
- Phone cable (7 ft.)
- Ethernet 10BASE-T cable (8 ft.)
- USB cable (5 ft.)

### Specifications

- Dimensions
  - Width: 22 cm (8.7 in)
  - Height: 4 cm (1.56 in)
  - Depth: 13.8 cm (5.44 in)

### Warranty

- Five-year limited warranty
- Factory repair or replacement

Contact your 3Com representative at 1 800 NET 3COM or visit [www.3com.com](http://www.3com.com) for current product information.

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1. Any software updates required for full compliance will be made available via the 3Com Web site.
2. Simultaneous port connection depends on the services offered and the encapsulation protocol used by your broadband service provider (PPP over ATM allows only one user at a time per virtual circuit).
3. Actual speeds will vary depending on services offered by your local broadband service provider and other factors.

