

Hate Waiting?

You won't have to wait for the Internet. With the Speed Touch Home, surfing the Internet becomes a whole new experience, with access speeds 200 times faster than traditional modems.

Just connect your PC, laptop or local area network to the modem over an Ethernet or ATM interface and you are ready to go. There is no software installation or complicated setup procedures. Alcatel's Speed Touch Home ADSL Modem is ideal for residential users, telecommuters, and small businesses.

The modem connects to the phone line through a standard RJ-11 connector. It supports the current standards in Discrete Multi-tone (DMT) ADSL line coding, ensuring widespread interoperability with service providers' ADSL systems.



Delivers access
speeds up to
200 times faster
than traditional
modems

ALCATEL

ARCHITECTS OF AN INTERNET WORLD

Alcatel and the Alcatel logo are registered trademarks of Alcatel. All other trademarks are the property of their respective owners. Alcatel assumes no responsibility for the accuracy of the information presented, which is subject to change without notice.

© 2000 Alcatel. All rights reserved. 10323
3CL 00371 0004 TQZCA Ed.05

The ATM interface (25 Mb/s) provides excellent service transparency, and supports consistent ATM-to-the-desktop networking. The Ethernet interface (10 Mb/s) allows for easy connection to individual PCs or multiple computers and a local area network, thereby protecting the user's network investment and hence lowering the introduction threshold.

The modem can operate as a standard network adapter, providing an 'always-on' connection to Internet or corporate network. In this mode the connection is set up when the PC starts up and terminated when the PC is turned off. The always-on mode offers the benefits of a regular network connection, e-mail is always up-to-date, and the Internet is ready to go.

The dial-through package, based on the standard Windows software, allows for a connection-oriented operation. Similar to traditional modems, a connection is established on user request through a Microsoft's 'dialup networking' interface. Dialup networking mode offers additional security through user authentication.

Technical Summary

Hardware Platform

- ▼ LAN interfaces: 10Base-T (RJ-45) and ATM-F-25 (RJ-45) (optional)
- ▼ WAN interfaces: ADSL line R-J11
- ▼ POTS interface: RJ-11 via optional POTS Splitter
- ▼ Physical specifications:
 - Height: 3.5 cm (1.38 in.)
 - Width: 21.0 cm (8.26 in.)
 - Depth: 18.5 cm (7.28 in.)
- ▼ Operating environment:
 - Temperature: 5° to 40° C (40° to 105° F)
 - Humidity: 20% to 80%
- ▼ Power requirements:
 - AC voltage: 100 to 120 V AC, 220 to 240 V AC
 - Frequency: 50/60 Hz
 - Power consumption: 7 W maximum
- ▼ Approved for connection to all major network operators (Please contact your service provider for details)

Software Features

Basic Features

- ▼ Multipoint self-learning transparent bridge per IEEE 802.1D
- ▼ RFC 1483 multiprotocol encapsulation over AAL5/ATM: both LLC-SNAP and VC-based multiplexing supported

- ▼ Remote bridge ports are isolated from each other
- ▼ Service monitoring through F4/F5 loopback and continuity checks
- ▼ Remote/host software download capability
- ▼ Can be used with Windows 95, 98, NT, Macintosh and Unix platforms

'Dialup networking' features (PPP)

- ▼ RFC 2364 Point-to-Point protocol over ATM via PPPoA-to-PPTP relaying
- ▼ Multiple PPTP tunnels per end user allowing simultaneous VPN connections between multiple hosts and destinations
- ▼ Dialup networking user GUI allowing PPP session set up with service provider
- ▼ PAP, CHAP, MSCHAP authentication
- ▼ Support for PPPoE

ADSL modem specifications

- ▼ Up to 8 Mb/s downstream
- ▼ Up to 1 Mb/s upstream
 - ANSI T1.413 Issue 2
 - ITU G.992.1 (G.DMT)
 - ITU G.992.2 (G.Lite)
- ▼ All Alcatel Speed Touch Home variants can operate with a central splitter or splitterless (with in-line filters)



ALCATEL