

MultiModemISDN™

External ISDN Modems



External Model Benefits

- High-speed Internet and LAN access
- Serial port and USB models
- Easy to configure
- Integrated analog and digital capabilities

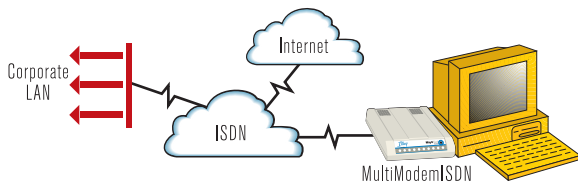
The MultiModemISDN Basic Rate Interface ISDN modems provide high performance and easy installation with the powerful new USB model and serial models. These modems are perfect for users who require affordable digital access and high data transfer speeds to send or download graphics, large files, video clips, or music files.

Features

- Maximum bidirectional bandwidth to 128K
- Lightning-fast data throughputs up to 512K with 4:1 Windows® 98 compression on the USB model or Windows 95/98/2000 and Windows NT® on serial models
- Dynamic bandwidth allocation with call bumping and line monitoring
- Caller ID support
- Analog port for voice or fax communication
- Serial and USB compatible
- Operating system support for Windows 98 on the USB model and Windows 95/98/2000, Windows NT, and Mac OS on serial models
- Plug-and-Play installation under Windows 95/98/2000 on serial models; USB Plug-and-Play installation under Windows 98 on USB model
- S/T-interface on USB model; U-interface or S/T-interface on serial models for direct connection to Basic Rate ISDN
- PAP and CHAP support
- Data communications, fax, and other value-added software
- Flash memory for free firmware updates
- Two-year warranty

*ISDN Dial-Up
Connectivity for
Telecommuters and
Power Users*

External Model Highlights



USB Freedom. The MultiModemISDN USB model gives you a greater level of freedom because it installs and hot swaps with other USB devices without restarting your computer. In addition, gaming and multimedia applications get a performance boost with the 12M bps USB port.

Simultaneous Voice and Data. Transmit/receive data on your computer over one ISDN B-channel and use the other B-channel for your phone or fax machine using the analog port.

Dynamic Bandwidth Allocation. Use the full bandwidth and still be able to make and take calls. The MultiModemISDN can combine channels for maximum 128K throughput and when traffic is low or an analog call (voice, fax, or data) comes in, one of the B-channels can be dropped.

Easy Installation. With MultiModemISDN serial models you'll be up and running in minutes with Windows 95/98/2000 Plug and Play or Windows NT and an installation wizard that walks you through the configuration. The USB model boasts the easiest modem installation on the market today and is auto detected by Windows 98.

Complete WAN Protocol Support. With support for a full-range of WAN protocols, including PPP, ML-PPP, MP+™, V.120, X.75, CLEAR (synchronous), CHAP, MD5 and PAP you can connect to a variety of servers on the corporate LAN or Internet.

Comprehensive Service and Support. The Multi-Tech commitment to service means we provide a ten-year product warranty and lifetime service that includes free technical support and 24-hour web site, FTP and BBS support.

Specifications

ISDN Interface

Service: 2B+D Basic Rate Interface (BRI) 2-wire U-type or 4-wire S/T-type interface
Connector: One RJ-45 jack

ISDN Rates

64K bps/1 B-channel; 128K bps/2 B-channels; 16K bps/D-channel (for signalling)
Sync or async (sync on one B-channel)

Analog Interface

One RJ-11 jack

Serial/USB Port

Serial: One async/460K bps RS-232 C/D or V.24
USB: 12M bps

ISDN Switch Types

National ISDN-I, AT&T 5ESS Custom, Northern Telecom DMS-100 Custom, & ETSI/DSSI/NET3, NTT INSnet64, France VN-x

Protocols

PPP, ML-PPP, MP+, X.75, V.120, raw HDLC, CLEAR (synchronous), CHAP, MD5, & PAP

Operating System Support

Serial Models: Windows 95/98/2000, Windows NT, & Mac OS
USB Model: Windows 98

Physical Description

4.3" w × 1.0" h × 5.6" d; 8 oz
10.8 cm × 2.5 cm × 14.2 cm; 224 g

Operating Environment

Operating Temperature: 32-120°F (0-50°C)
Humidity: 20-90% non-condensing

Approvals

FCC Parts 15B & 68; CE Mark

Ordering Information

Model	Description	Region
MTAI28NT	BRI-NTI ISDN Modem w/ POTS	US/Can
MTAI28ST	BRI ISDN Modem w/ POTS	Euro/ROW
MTAI28ST-USB	BRI ISDN Modem w/ POTS (USB)	Euro/ROW

Made in Mounds View, MN, U.S.A.

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For more information on sales offices in China, France, Germany, India, the Netherlands, and the United Kingdom, contact Multi-Tech world headquarters.