

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

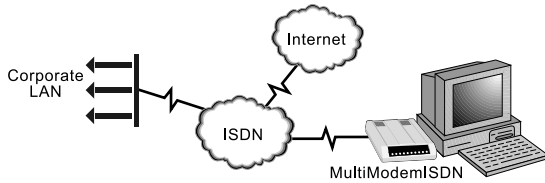
The MultiModemISDN Basic Rate Interface ISDN modems provide high performance and easy installation with the powerful new USB model and serial models. These modems are perfect for users who require affordable digital access and high data transfer speeds to send or download graphics, large files, video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

Features

- Maximum bi-directional bandwidth to 128K
- Lightning-fast data throughputs up to 512K with 4:1 Windows® compression
- Dynamic bandwidth allocation with call bumping and line monitoring
- Caller ID reporting
- Analog port for voice or fax communication
- Serial and USB compatible
- 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 easy updates
- Five-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 Plug and Play 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.

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 five-year product warranty and service that includes free technical support and 24-hour web site.

Specifications

ISDN Interface

Service: 2B+D Basic Rate Interface (BRI)
 Interface: 2-wire U-type or 4-wire S/T-type interface
 Rate: 64K bps/1 B-channel; 128K bps/2 B-channels;
 16K bps/D-channel (for signalling)
 Sync or async (sync on one B-channel)
 Connector: One RJ-45 jack

Analog Interface

One RJ-11 jack

Serial/USB Port

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

ISDN Switch Types

National ISDN-1, AT&T 5ESS Custom, Northern Telecom DMS-100 Custom, ETSI/DSSI/NET3, NTT 1NSnet64, 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/Me/2000/XP, Windows NT, & Mac OS 8 and newer
 USB Model: Windows 98/Me/2000/XP, & Mac OS 9 and newer

Physical Description

4.3" w × 1.0" h × 5.7" d; 8 oz
 (10.9 cm × 2.5 cm × 14.5 cm; 227g)

Operating Environment

Operating Temperature: 32 – 120°F (0-50°C)
 Humidity Range: 25-85% noncondensing

Approvals

FCC Parts 15B & 68; CE Mark

Ordering Information

Product	Description	Region
MTA128NT	BRI-NT1 ISDN Modem w/ POTS	US/Can
MTA128ST	BRI ISDN Modem w/ POTS	Euro/ROW
MTA128ST-USB	BRI ISDN Modem w/ POTS (USB)	Euro/ROW

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

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