

EXPRESS XRT

ISDN Modem with two phone ports



FEATURES

- **High speed network access for Internet and remote office connectivity using ISDN**
- **Data rates up to 230,400 bps—over eight times faster than the fastest analog modems**
- **Simple setup with the Express Configuration Wizard™**
- **Expert ISDN™ automatic SPID and Switch Detection (patent pending)**
- **Connections for two analog devices telephone/FAX/modem and computer**
- **Supports external analog modem. No extra COM port required (patent pending)**
- **Place and receive phone calls while transmitting data**
- **Stac® LZS™ compression up to 230,400 bps**
- **Supports custom calling features and Caller ID**
- **Remote configuration**
- **HyperACCESS® data communications software**
- **Windows® 95 Plug and Play compatible**

The ADTRAN Express XRT is ideal for accessing the Internet or your corporate network at speeds up to 230,400 bps—that's over eight times faster than today's fastest analog modems. The unit includes ISDN terminal adapter and network termination (NT1) functionality, eliminating the need for an external NT1 device.

ISDN setup can be difficult due to ISDN line parameters provided by the telephone company. The Express Configuration Wizard™ makes connecting to ISDN and configuring your Express XRT easy. Simply enter your ISDN phone numbers and let the Express Configuration Wizard step you through the rest. Expert ISDN™, sophisticated patent pending algorithms, automatically detect the telephone company parameters such as switch type and SPID numbers. With Windows® 95 Plug and Play compatibility, automatic COM port selection, and predefined application profiles—you will be communicating with the office or Internet in no time.

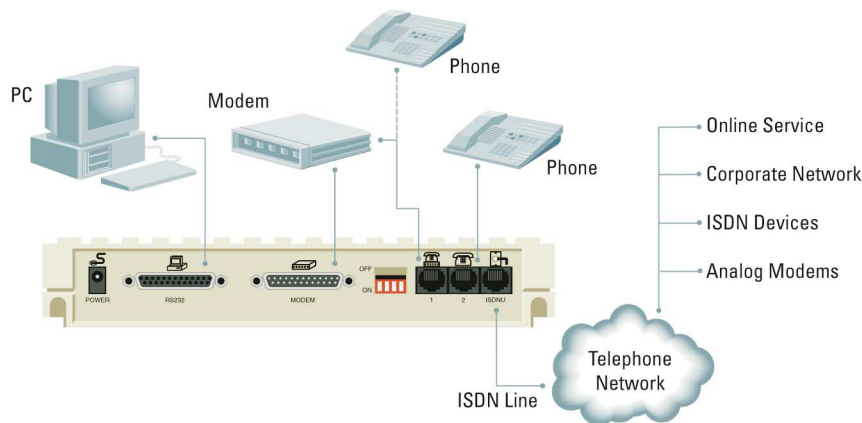
An ISDN line provides two 64,000 bps B channels that can be used simultaneously for error free data transmission up to 128,000 bps without compression.

To maximize data transmission, the Express XRT supports Stac® LZS™ compression with throughput up to 230,400 bps per the PPP standard. The Express XRT compression is also compatible with Ascend® compression techniques.

The Express XRT can support up to two analog devices such as your telephone, FAX machine, or analog modem in addition to the computer connection for data transmissions. Over one ISDN phone line, you can talk on the phone and transmit data from your computer simultaneously.

When transmitting data at maximum throughput over both B channels using multilink PPP, the Express XRT automatically detects calls on the analog ports. Upon detection, the Express XRT adjusts the speed of the data call to 64,000 bps using one B channel and accepts the analog/voice call on the other B channel. Upon completion of the analog/voice call, the Express XRT automatically resumes data transfer over both channels.

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Product Specifications

Network Interface

- RJ-45 for ISDN Basic Rate U-interface (built-in NT1) 128,000 bps

DTE Interface

- RS-232 (DB-25)

DTE Data Rates

- 1,200 to 230,400 bps asynchronous

Compression

- Stac® LZS™ per PPP standard up to 230,400 bps
- Compatible with Ascend compression techniques

Protocols

- Multilink PPP, ITU-T V.120, Async BONDING, Fallback

ISDN Standards

- National ISDN-1, AT&T 5ESS®, Northern Telecom DMS-100™

Dialing Selection

- AT Commands, DTR Assertion

Diagnostics and Testing

- Network Loopback
- Remote Test
- Remote Configuration

Ordering ISDN

- EZ ISDN1 and Capability "S" Compliant
- ISDN Ordering Codes are available to aid in ordering ISDN lines for this product

Power

- 110 V wallmount transformer
- 8 W maximum

Certifications

- FCC Part 15 Class B, FCC Part 68, UL, CUL, CSA, and CS03

Supports External Modem

- No additional COM port required for analog modem

Analog Ports

- Two standard RJ-11s (REN = 3)
- Each port rings up to 3 phones within 500 feet

Custom Calling Features

- Stutter dial tone
- 3 & 6 way conferencing
- Call forwarding
- Reminder ring
- Auto call back
- Distinctive ring
- Caller ID
- Implicit transfer

(Custom calling features must be provided by telephone company)

Product Includes

- Express XRT
- 110 V Wall mount power supply
- Configuration Wizard
- Hyperaccess Data Communications
- User's Guide
- One cable to connect ISDN line to Express XRT

Ordering Information

Express XRT

- PART NUMBER: 1200153L2

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DMS-100 is a trademark of Northern Telecom.

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ADTRAN
Expert ISDN™



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