

NETLINK™ ACCESS PRODUCTS

This multi-function ISDN communication board provides four BRI lines allowing up to eight simultaneous digital or analog remote access connections.

Remote Access Server

Model 2977/BRI DialFire RAS & FAX

The Model 2977 DialFire BRI RAS is the ultimate WAN adapter card for use with BRI lines. It is designed to work in a standard PCI 2.1 slot (5.0 or 3.3 volts) and can terminate four BRI communication lines. Calls can be originated and answered on all 8 channels (2 each for all 4 BRI connections). All channels can handle modem calls (up to 56 kbps—V.90 and K56flex) and B channel calls (64 kbps).

The Patton Model 2977 DialFire Family of DSP (Digital Signal Processor) based RAS (Remote Access Server) concentrator adapters provides the widest compatibility and most powerful performance available in a PCI slot. For demanding, server-based applications including modem-pooling, remote access, advanced fax, World Wide Web and branch office internetworking, you won't find a better product line than the Patton 2977 DialFire RAS.

With easy installation, configuration, operation, and a complete diagnostics and troubleshooting toolset, the DialFire RAS provides the key factors needed for successful deployment. Visit us at <http://www.patton.com> for more information.

Dynamic analog/digital/fax support

On-board DSPs provide advanced modem & fax support from V.90, fax, and ISDN—maximizing the efficiency of each communication channel

Multi-function ISDN RAS

4 BRI interfaces for up to 8 chassis

Open Systems Integration

Open standards-based design makes deploying your software solutions fast and simple

Web-Based Management

Hardware manager provides a variety of reporting, diagnostic, and troubleshooting tools

Wide OS and third-party application support

The Model 2977/B4 DialFire RAS integrates with, and take advantage of, the inherent communications capabilities built-into Microsoft, Novell, SCO, and Linux server operating environments

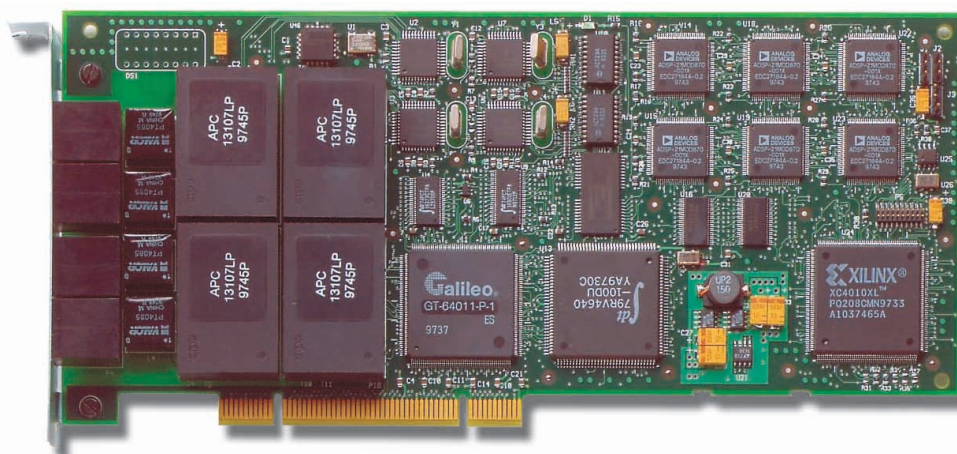
Universal server compliance

The Model 2977/BRI DataFire RAS operates within the PCI 2.1 mechanical and electrical specifications, support 3.3 or 5-volt PCI servers, and share common software architecture



Special Rates Available
Call for Details

PATTON

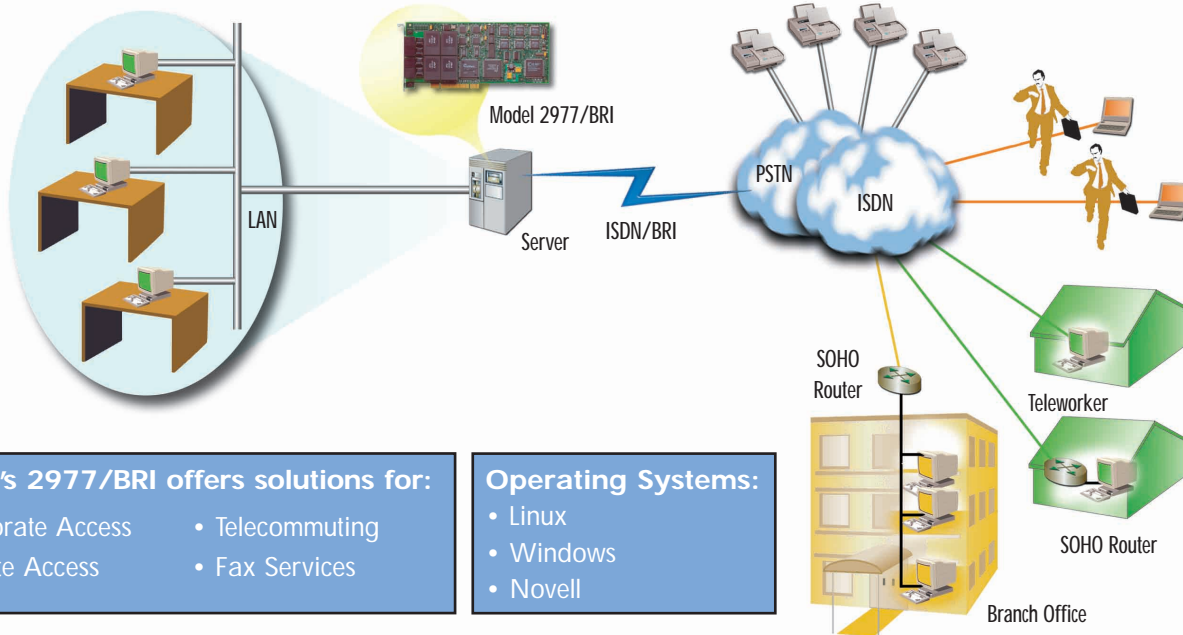


Model 2977/BRI Remote Access Server

Applications

Finding a remote access solution that meets the needs of a small office environment is often a challenge. With Patton's 2977/BRI RAS the solution is easy! It's as simple as adding an adapter to your favorite PC server, installing the device driver and configuring your

remote access ports. The users can dial-out of your server while other users are dialing-in. The Patton 2977/BRI is a digital adapter that provides connections to four ISDN BRI (Basic Rate Interface) lines allowing up to eight simultaneous digital or analog connections.



Patton's 2977/BRI offers solutions for:

- Corporate Access
- Remote Access
- Telecommuting
- Fax Services

Operating Systems:

- Linux
- Windows
- Novell

NetLink 2977/BRI RAS

	Model 2977/BRI/ST (International)	Model 2977/BRI/U (North America)
Number of Ports	4	4
Number of WAN Ports	Four ISDN BRI ports; ST Interface	Four ISDN BRI ports; U Interface
Modem Data Modes	K56flex, V.90, V.34, V.34 bis, V.32 bis, V.32, V.24 bis, V.23, V.22 bis, V.22, V.21, Bell 212a, Bell 103, TIA TSB37-A, TIA TSB38	
Fax Modes	Group 3, V.17, V.29, V.27 ter, V.21 channel 2	
Compression and Error Correction	V.42 bis, MNP Class 2, MNP Class 4, MNP Class 5, V.42 EC	
Misc. Modem Standards Compatibility	ITU G.711 μ -Law/A-Law Companding and Expanding, DTMF generation and detection, Caller ID and Call Progress	
Fax Command Set Standards	Group 3 FAX Class 2, Group 3 FAX Class 2.0	
FAX Compression Formats	All optional Class 2.0 data format conversions are supported including: Normal Image, Fine Image, 1D Image Conversion, 2D—MR Image Conversion, 2D—MMR Image Conversion	
Fax Usability Features	Copy Quality Checking and Receive Quality Thresholds, Error Correction Mode (ECM), Adaptive Answering, TSI Banner, Distinctive Ring-Ring, DID Routing	
T1 Supervision Modes	Ground Start Signaling, Wink Start Signaling, Immediate Start Signaling, Loop Start Signaling	
E1 Supervision Modes	CCS with CRC4 ITU G.704, CAS with CRC4 ITU G.704, CRCA with Remote End Block Error Signaling, R2 Signaling	
Primary T1/E1 Rate Interface	D-Channel Signaling: ISDN data link layer ITU-T Q.921, ISDN call control signaling ITU-T Q.932/I.451	
Regulatory Approvals	FCC Part 15, Subpart B, Class B • CSA C108.8-M83, Class B • Immunity: EN 50082-2 • UL Recognized, UL 1950 • FCC Part 68	
Operating Systems	Microsoft Windows XP • Microsoft Windows 2000 • Microsoft Windows NT 4.0 • Sun Solaris 2.6, 7 & 8 • Novell NetWare 4.2 • Novell NetWare 5.x • SCO UnixWare 7 & 2.x • SCO OpenServer 5 (Most drivers ship with product on CD-ROM. Drivers and driver updates also available on our web-site at www.patton.com/drivers .)	
Power Requirements	2977/24—2.56 A at 5.0 V typical; 2977/30—2.77 A at 5.0 V typical; 2977/48—3.51 A at 5.0 V typical; 2977/60—3.94 A at 5.0 V typical	
Dimensions	Length: 12.283 inches (31.199 cm); Width: 4.200 inches (10.668 cm)	
Environmental	Ambient temperature: 32–122°F (0–50°C); Relative humidity: 5–90%, non-condensing	

PATTON
Electronics Co.

7622 Rickenbacker Drive
Gaithersburg, MD 20879 USA
Phone +1-301/975-1000
Fax +1-301/869-9293
E-mail marketing@patton.com
URL <http://www.patton.com>