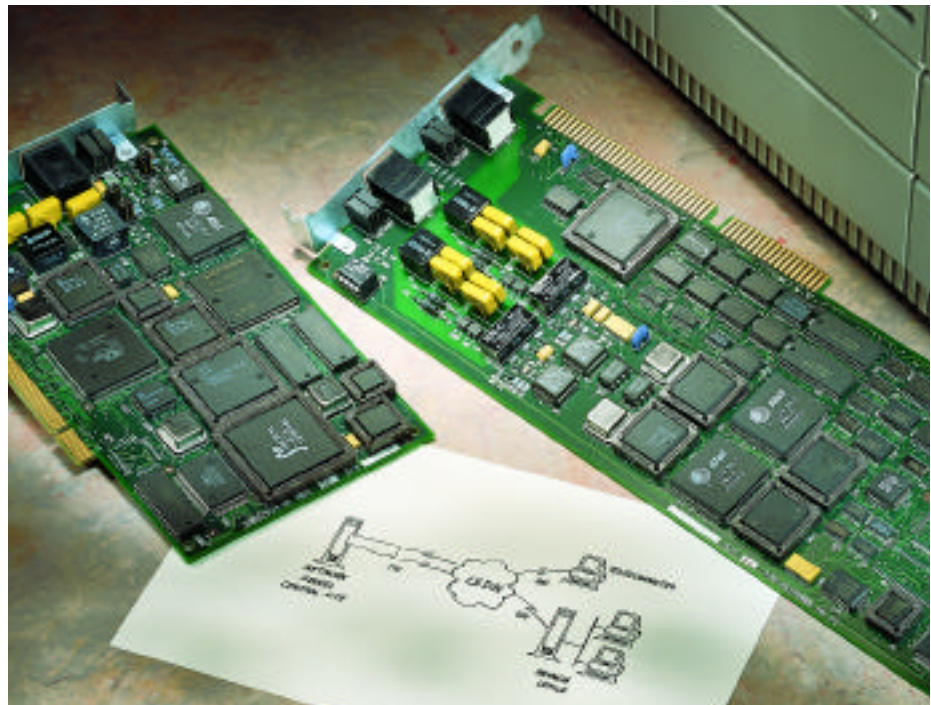


Digi DataFire PRIme

P R O D U C T
P R O F I L E

Primary Rate Interface (PRI) ISDN Adapters



- Install in file or communications server to create a high-capacity communications hub
- Easy to create end-to-end ISDN telecommunications solutions when used with DataFire BRI client adapters
- Fully integrates with Microsoft Windows NT and Novell NetWare to take advantage of all operating system features
- Provides functionality similar to standalone routers at a fraction of the cost

Digi International's DataFire PRIme Primary Rate Interface ISDN adapters are designed to integrate with Microsoft Windows NT and Novell NetWare servers creating an ISDN communications hub capable of supporting up to 46 ISDN B channel connections per adapter. These new DataFire adapters make it easier and more cost-effective than ever to provide high-speed LAN connections for remote workers, branch offices and World Wide Web/Internet users.

Models are available with one or two PRI ports, providing support for PRI or T1/E1 connections. DataFire PRI adapters provide the flexibility needed to meet your remote workers' demands for high-speed remote connections at the central site.

By integrating with Microsoft and Novell operating systems, Digi's DataFire adapters take advantage of operating system features such as routing, PPP, data compression and security, providing the same capability as standalone routers but at a fraction of the cost. And, unlike complicated standalone routers, installation and functionality of DataFire adapters is the same as network interface cards. LAN administrators experienced with Microsoft and Novell network servers will be completely familiar with DataFire setup procedures.

The DataFire PRIme adapters complement Digi's broad line of communications adapters for servers and remote clients including DataFire Basic Rate Interface (BRI) ISDN adapters, SYNC/570 frame relay adapters and AccelePort async adapters. This comprehensive product family enables you to design end-to-end remote access solutions supporting all popular communications options.



Features/Specifications

Features

- ISDN B channels (64 Kbps/56 Kbps) can be used independently or aggregated for higher bandwidth
- Multiple adapters can be installed in a single server, providing a high capacity communications server solution
- Integrated CSU/DSU for convenient, easy installation
- Integrates with Microsoft and Novell native PPP (Point-to-Point Protocol) for interoperation with all major brands of ISDN devices
- DataFire PRI adapters can be installed alongside other Digi adapters in the communications server to create exactly the number and type of remote connections required
- ISA-bus adapter supports up to 48 DSOs on T1 or 46 B + 2 D channels on ISDN (60 B channels for E1)
- PCI-bus adapter supports 24 DSOs on T1 or 23 B + 1 D channel on ISDN (30 B channels for E1)
- Compatible with 64 Kbps/56 Kbps circuit-switched calls
- Supports Q.931 and Q.921 (LAPD), HDLC and proprietary protocols on voice and circuit-switched data channels
- Compatible with all CCITT/ANSI PRI ISDN NI2 central office switches, including AT&T 5ESS, Northern Telecom DMS 100, Siemens, British Telecom and other
- HO 384 Kb channel aggregation
- ESF facility data link (notifies application of T1 line errors)
- Shared interrupt capability (multiple cards can share same interrupt source)

Environmental Requirements

- Ambient temperature: 50° F to 130° F (10° C to 55° C)
- Relative humidity: 5% to 90% non condensing
- Altitude: 0 to 12,000 ft (0 to 3,660 m)

Dimensions

PCI

- Length: 6.875 in (17.46 cm)
- Width: 4.2 in (10.67 cm)
- Height: 0.860 in (2.18 cm)
- Weight: 5.8 oz (.16 kg)

ISA

- Length: 13.84 in (35.15 cm)
- Width: 4.2 in (10.67 cm)
- Height: 0.860 in (2.18 cm)

Power Requirements

PCI

- +5V +/-5% 2.2 Amps Maximum
- +3V +/-5% 0 Amps
- +12V +/-% 0 Amps
- -12V +/-% 0 Amps

ISA

- +5V +/-5%

Regulatory Approvals

PCI

- FCC Part 15 Class B
- ICES 003
- EN55022
- VCCI
- AS3548
- CS03
- EN50082
- UL 1950
- CSA 22.2 No. 950
- EN60950
- AS3260
- i_CRT4(EU)
- CSEP 10-20 (1) A
- BABT 223ZV25
- TS014
- PTC 232
- CR13

ISA

- FCC Part 15 Class A
- ICES 003
- CS03
- EN50082
- UL 1950
- CSA 22.2 No. 950

I/O Interface

- ISDN PRI interface via RJ48 connector
- LED display for red/yellow alarms

Network Interface

- Microsoft Windows NT RAS (Remote Access Services) 3.5, 4.0
- Novell NetWare 4.1, NetWare Connect 2.0 and MPR (MultiProtocol Router) 3.1

Digi Service And Support

You can purchase DataFire PRIme with confidence knowing that Digi is here to support you with expert technical support, the industry's strongest warranty (five full years) and a 30 day money-back guarantee.

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GSA: GS-35F-3395D.

Models and Part Numbers

ISA-bus 16-bit adapter Single PRI/T1	Available Fourth Quarter 1996
ISA-bus 16-bit adapter Dual PRI/T1 ports	Available Fourth Quarter 1996
PCI-bus 16-bit adapter Single PRI/T1 port	Available Fourth Quarter 1996

All models come with an RJ48 connector (full size adapter)

