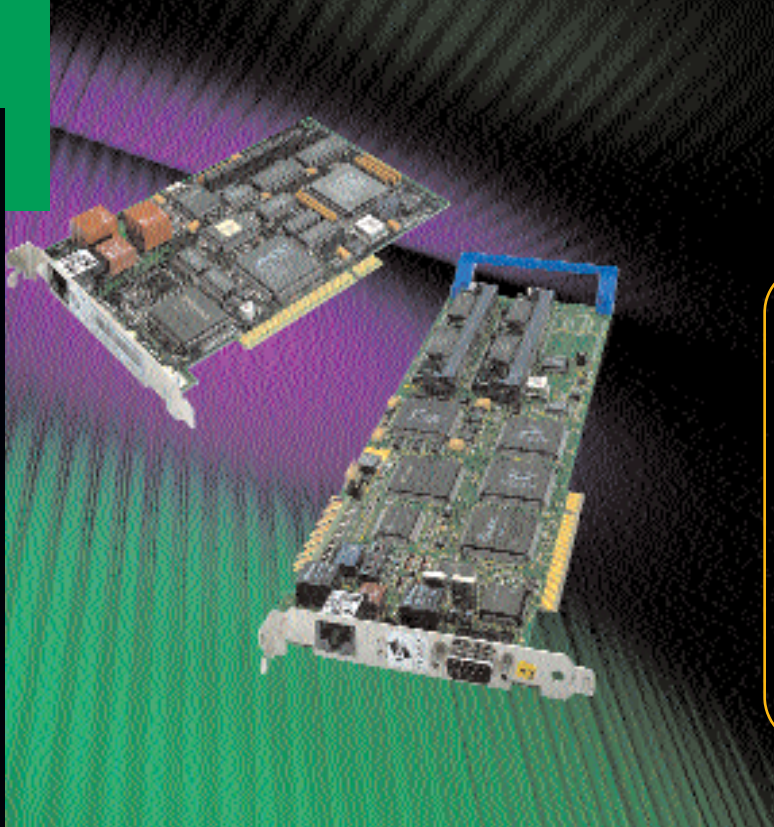


Digi DataFire Basic Digi DataFire Primary

Active ISDN
adapters



- > Support of 16- and 32-Bit applications
- > Transmission rates up to 2 Mbit/s
- > Easy Installation by state-of-the-art software design
- > Universal use with various operating systems and software interfaces

ISDN Communications PC Adapter

Digi's DataFire high end ISDN boards are designed for professional voice, data and video communication in Windows NT or NetWare Servers.

The performance is ensured by a RISC processor which provides its high processing speed particularly with 'on the fly' data compression. Thanks to dynamic channel bundling, provision of high bandwidth is no problem.

Unified Messaging

Digi's DataFire high end ISDN boards offer the fully featured implementation of Common Application Programming Interface (CAPI) including FaxPolling, DTMF and supplementary services (e. g. ECT/HOLD); scalable from two channels with 128 kbit/s up to 120 channels with a total bandwidth of 7.68 Mbit/s.

Fax / Modem

The Digi DataFire Basic / DataFire Octo support fax G3 and modem communication on up to 8 channels using the add-on FaxModem module, which allows transfer rates up to 14,4 kbit/s for fax G3 and up to 33,6 kbit/s for modem communication.

The Digi DataFire Primary offers fax G3 using the MultiModem extension card with transfer rates up to 14,4 kbit/s. Modem communication can be provided up to 33.6 kbit/s on the MultiModem board and up to 56kbit/s (V.90) using the DigitalModem board.

MVIP bus and MVIP switching

With the MVIP bus (Multi Vendor Integration Protocol) DataFire Octo and DataFire Primary open the door to ISDN for further adapters supporting additional applications, like voice, fax, video or modem.

In this concept DataFire Octo and DataFire Primary represent the line cards, which are connected via MVIP to different resource cards to handle processing special services.



DataFire Basic**SYSTEM DATA**

- > Active ISDN card for ISA or PCI Bus
- > RISC-Prozessor with 25 MIPS
- > 4 MB on-board memory
- > Plug & Play installation
- > 2 ISDN B-Channels (up to 128 kbit/s)
- > Firmware is loaded onto the card, offering easy upgrade
- > Extendable to 8 channel using the DataFire Octo extension board
- > Enhanced Security Services (ESS): Data encryption and closed user group

APPLICATION INTERFACES

- > CAPI 1.1 for DOS, Windows 3.x, Windows NT, Windows 2000, NetWare, SCO Unix
- > Capi 2.0 for DOS, Windows 3.x, Windows NT, Windows 2000, NetWare, SCO Unix, Windows 95, Windows 98
- > NDISWAN for Windows 95, Windows 98, and Windows NT, Windows 2000
- > COM Port emulation for Windows 95, Windows 98 and Windows NT

SUPPORTED CONNECTION TYPES

- > Dial-up line point to point and point to multipoint
- > Leased lines

D-CHANNEL PROTOCOLS

- > DSS1, 1TR6, VN2/3, 5ESS, NI-1, DMS-100, Q.931, Q.SIG, Cornet-N
- > Supplementary Services (DDI, DTMF, ECT/HOLD, CD, CF, COLP, CLIP, ...)

B-CHANNEL PROTOCOLS

- > X.75, X.25, X.31, T.70, T.90, V.110, HDLC-transparent
- > Fax G3 (14.4 kbit/s) Modem V.34 (up to 33.6 kbit/s) with LAP-M and V.42 error correction (requires additional FaxModem module)

DATA COMPRESSION

- > Automatic "on-the-fly" and on board data compression: ITU V.42bis and Digi compression

STANDARD EQUIPMENT

- > Digi DataFire Basic PC adapter
- > Driver software
- > 3,50 m cable (RJ-45)
- > Installation Manual

APPROVALS

- > PTT approved in numerous countries (Approval numbers on request)
- > CE, FCC

DATAFIRE PRIMARY**SYSTEM DATA**

- > Active ISDN card for PCI Bus
- > RISC-Prozessor with 133 MHz
- > 8 MB Memory on board
- > Plug & Play installation
- > 23 / 30 ISDN B-Channels (up to 2 Mbit/s)
- > MVIP support
- > Multi-Controller support
- > Firmware is loaded onto the card, offering easy upgrade
- > Enhanced Security Services (ESS): Data encryption and closed user group

APPLICATION INTERFACES

- > CAPI 1.1 for Windows NT, Windows 2000, NetWare, SCO Unix and DOS
- > Capi 2.0 for Windows NT, Windows 2000, NetWare, SCO Unix and DOS
- > NDISWAN for Windows NT, Windows 2000
- > COM Port for Windows NT

D-CHANNEL PROTOCOLS

- > DSS1, 1TR6, 4/5ESS, NI-1, DMS-100, Q.931
- > Supplementary Services (DDI, DTMF, HOLD, CD, CF, COLP, CLIP, ...)

B-Channel protocols

- > X.75, X.25, X.31, T.70, T.90, V.110, HDLC-transparent, Bit-transparent
- > Fax G3 (14.4 kbit/s) (requires additional MultiModem card)
- > Modem V.34 (up to 33.6 kbit/s) (requires additional MultiModem card or DigitalModem card)
- > Error correction mode for modem: V.42, LAP-M or MNP2-4

Data compression

- > Automatic "on-the-fly" and on board data compression: ITU V.42bis and Digi compression

STANDARD EQUIPMENT

- > Digi DataFire Primary PC adapter
- > Driver software
- > 3,50 m cable (RJ-45)
- > Installation Manual

APPROVALS

- > PTT approved in numerous countries (Approval numbers on request)
- > CE, FCC

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