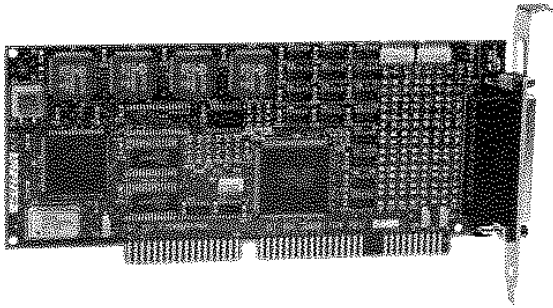


Model 77000037



Digi Intelligent Serial I/O for Small to Medium Workgroups



DESCRIPTION

Designed to deliver fast, reliable connections for multiuser workgroups, the Digi Xe Family of intelligent serial boards is a low-priced solution for supporting terminals, printers, modems and other asynchronous peripherals.

Recommended for point-of-sale, data acquisition and factory automation applications, the Digi Xe Family is among Digi's most popular selling add-in solutions. Equipped with powerful on-board I/O processing to reduce host CPU utilization, and supplied with full modem control and full hardware handshaking, the Digi Xe Family easily accommodates the varying connectivity needs of small to medium sized workgroups.

EIA-232/422 models are available in four or eight ports. The EIA-422 solutions enable users to transmit signals over greater distances and at higher speeds than standard EIA-232 communications and are generally immune to electrical interference and surges. These benefits make the EIA-422 solution a smart choice for industrial and manufacturing applications as well as widespread point-of-sale operations.

Supporting a broad spectrum of operating environments — including SCO, UNIX, Citrix, Solaris, Novell and Microsoft — the Digi Xe boards are packaged with popular multiuser drivers. Other device drivers are available, or can be easily downloaded.

FEATURES

- *PC/4e and PC/8e with Either EIA-232 or EIA-422 Interfaces*
- *12.5 MHz 80186 on 4 Ports; 16 MHz 80186 on 8 Ports*
- *Memory — 64K RAM (dual ported on ISA) with 8K Memory Window*
- *Supports 57.6 Kbps on Four or Eight Ports*
- *8530 UART*
- *Software Configurable PC Interrupts: 3, 4, 5, 7, 10, 11, 12, 15 or Polled*
- *Economical Intelligent Serial Board for Connecting Multiuser Terminals, Printers & Modems*
- *Four or eight EIA- 232 Serial Ports for ISA*
- *Four or eight EIA-422 Serial Ports for ISA*
- *On-Board Processing Relieves Host CPU of Communication Bottlenecks*

SPECIFICATIONS

Number of Channels

4 or 8 RS-232 (RS-422 versions available)

Connectors

- Four- and eight-port models equipped with female 78-pin D-style connectors
- Endplates plug into the following standard choices:

RJ45 connector box
DB25 I/O box
DB25 male cable assembly

System Requirements

- One 16-bit slot
- 8K or 32K unused memory address space for static RAM
- One unused I/O port address

Power Requirements

+5V @ 1.9 Amps typical
+12V @ .11 Amps typical
-12V @ .11 Amps typical

SPECIFICATIONS

Dimensions

8.7" x 3.5" (221mm x 88.9mm)

ENVIRONMENTAL REQUIREMENTS

Ambient temperature

50° F to 130° F (10° C to 55° C)

Altitude

0 to 12,000 ft (0 to 3,660 m)

Relative humidity

5% to 90% non condensing

Air movement

30CFM forced

Regulatory Approvals

FCC, Part 15, Class B

EN 55022

EN 50082-2

UL 1950

EN 60950

PINOUTS

EIA-232

DB9 Pin #	DB25 Pin#	Signal
3	2	TxD
2	3	RxD
7	4	RTS
8	5	CTS
6	6	DSR
5	7	SG
1	8	DCD
4	20	DTR
9	22	RI

RJ45 Pin#	Signal	Pins in Connector			
		10	8	6	4
1	RI	X	-	-	-
2	DSR	X	X	-	-
3	RTS	X	X	X	-
4	C.Gnd	X	X	X	X
5	TxD	X	X	X	X
6	RxD	X	X	X	X
7	SG	X	X	X	X
8	CTS	X	X	X	-
9	DTR	X	X	-	-
10	DCD	X	-	-	-

EIA-422

DB25 Pin#	Signal
4	RTS+
19	RTS-
5	CTS+
13	CTS-
3	RxD+
16	RxD-
2	TxD+
14	TxD-

ORDERING GUIDE

BOARDS

Model 77000035

4-port, ISA, EIA-232, SCO UNIX & UNIX SVR4

Model 77000037

8-port, ISA, EIA-232, SCO UNIX & UNIX SVR4

Model 70000737

4-port, ISA, EIA-232, Windows NT, 95, 3.1x, Novell AIO

Model 70000738

8-port, ISA, EIA-232, Windows NT, 95, 3.1x, Novell AIO

Model 70001058

4-port, ISA, EIA-422 w/DB9 cable, Windows NT, 95, 3.1x, Novell AIO

Model 70001059

8-port, ISA, EIA-422 w/DB9 cable, Windows NT, 95, 3.1x, Novell AIO

CABLES & PANELS

Model 76000030

4-port panel, DB25 male, DTE

Model 76000031

8-port panel, DB25 male, DTE

Model 76000008

4-port DB25 male fan-out cable, DTE

Model 76000021

8-port DB25 male fan-out cable, DTE

Model 76000038

4-port RJ45 connector box

Model 76000033

8-port RJ45 connector box



INDUSTRIAL COMPUTER SOURCE®

9950 Barnes Canyon Rd. San Diego, CA 92121

1-800-523-2320