ClassicBoard

> Cost-effective solution for Point-of-Sale (POS) systems, Electronic Data Interchange (EDI), industrial control and data collection applications

> Four, eight and 16 ports

> ISA and PCI bus

> EIA-232 and EIA-422 solutions

Offering unparalleled speed, reliability and ease of installation, the Digi ClassicBoard® asynchronous adapter Family provides the ultimate in basic, non-intelligent serial communication technology, making it a natural fit for a variety of applications. The Digi ClassicBoard is best used for less computation-intense applications when the CPU is able to devote its resources to handling communications and real time applications requiring quick latency time intervals. This solution is ideal for connecting cash registers, print receipt devices, scanners, and other peripheral devices in retail POS systems. It can also be used in environments using sensors, switches, measurement devices, factory automation, EDI, industrial control processing, and data collection applications.

The Digi ClassicBoard Family provides an array of ISA- and PCI- based options to help you easily satisfy a multitude of user needs. The four- and eight-port EIA-232 models are offered with a choice of DB-25 or RJ-45 connectors. The 16-port models (ISA only) include an RJ-45 connector box. Each EIA-232 model is available with 16C654 UART delivering optimum performance up to 460.8 Kbps. To provide reliability you can trust, every signal is safeguarded by built-in surge protection, which ensures that electrical interference, surges or spikes will not interrupt the system operation. The Digi ClassicBoard Family also offers four- and eight-port ISA-422 solutions.

All models are remarkably easy to install. The ISA models are Microsoft® Windows® 95 and 98 Plug-and-Play compatible and are software-configurable in non plug-and-play environments by using Digi's exclusive software configuration utility. No dip-switches or jumpers to set—and no hassles!

Best of all, the Digi ClassicBoard Family features the same quality, craftsmanship, reliability and support that have made Digi a respected leader in serial connectivity. Take a moment to become more familiar with this exciting line of solutions. We're sure you'll agree that a classic is always a great investment.

Cost-effective high-speed serial communications

Digi

Connectability

FEATURES

ISA

> Four, eight or 16 ports for EIA-232

> Four or eight ports for EIA-422

> Plug-and-Play support for Windows 95 and 98

> Software configuration in non-PnP environments with Digi's exclusive software utility

> Supports three modes for backward compatibility with legacy Digi, StarGate and Arnet products

> Fully programmable IRQs using levels 3-7, 9-12, 14, 15

> 16 ports linked via RJ-45 wall-mount connection box

PCI

> Four or eight ports for PCI EIA-232

> Supports auto configuration of all PCI interrupts

All Models

> Supports speeds up to 460.8 Kbps

> Full-duplex operation

> Multi-strike surge suppression on every signal

> 16C654 UARTs providing automatic flow control and 64-byte FIFO

> Developer's tool kit available

> Standard connections for four and eight ports: DB-25 male cable, DB-25 connection box, and RJ-45 connection box

> Interrupt status support provides efficient use of interrupt handling

POWER REQUIREMENTS

ISA
Four-Port Modules
> 180 mA typical +5 V
> 120 mA typical +12 V
> 80 mA typical -12 V

Eight-Port Modules
> 330 mA typical +5 V
> 180 mA typical +12 V
> 124 mA typical -12 V

16-Port Modules
> 730 mA typical +5 V
> 370 mA typical +12 V
> 260 mA typical -12 V

PCI
Four-Port Modules
> 400 mA typical +5 V
> 80 mA typical +12 V
> 80 mA typical -12 V

Eight-Port Modules
> 350 mA typical +5 V
> 40 mA typical +12 V
> 40 mA typical -12 V

REGULATORY APPROVALS

> FCC Part 15, Class B
> VCCI Class II
> AS3548
> EN55022 Class B
> EN50082-2

> UL 1950
> CSA 22.2 No.950
> EN60950
> AS3260

SOFTWARE COMPATIBILITY

ISA Models
> Microsoft Windows 95 and 98, Windows NT
> SCO UNIX
> OS/2

PCI Models
> Microsoft Windows NT

SYSTEM REQUIREMENTS

ISA
> One 16-bit slot

PCI
> One 32-bit slot

ENVIRONMENTAL

> Ambient temperature: 10ºC to 55ºC (50ºF TO 131ºF)

> Relative humidity: 5% to 90% (non-condensing)

> Altitude: 0 to 3,660 meters (0 to 12,000 feet)

> Air movement: 30 CFM forced

DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support, a strong five-year warranty and a 30-day money-back guarantee.

DIMENSIONS

Host Adapters ISA	Length	Width	Height	Weight
Four/eight-port	6.5 in (16.51 cm)	4.2 in (10.69 cm)	.875 in (2.24 cm)	5 oz. (.14 kg)
16-port	6.5 in (16.51 cm)	3.3 in (8.38 cm)	.875 in (2.24 cm)	3.5 oz. (.09 kg)
PCI				
Four/eight-port	5.25 in (13.34 cm)	4.2 in (10.69 cm)	.5 in (1.27 cm)	9 oz. (.26 kg)
Connector Box				
16-port	8.0 in (20.32 cm)	6.0 in (15.24 cm)	1.5 in (3.81 cm)	15.5 oz. (.43 kg)

MODEL/PART NUMBERS

ISA
232 Solutions

ClassicBoard 4-ISA EIA-232	(Connector not included, see below)	# 77000435
ClassicBoard 8-ISA EIA-232	(Connector not included, see below)	# 77000434
ClassicBoard 16-ISA RJ-45 Box		# 70001146

422 Solutions

ClassicBoard 4-ISA EIA-422 DB-9 Cable	# 70001267
ClassicBoard 4-ISA EIA-422 DB-25 Cable	# 70001269
ClassicBoard 8-ISA EIA-422 DB-9 Cable	# 70001266
ClassicBoard 8-ISA EIA-422 DB-25 Cable	# 70001268

PCI
232 Solutions

ClassicBoard 4-PCI	(Connector not included, see below)	# 77000576
ClassicBoard 8-PCI	(Connector not included, see below)	# 77000578

Connector Options

4-Port DB-25M DTE Cable	# 76000008
8-Port DB-25M DTE Cable	# 76000021
4-Port DB-25M DTE Box	# 76000030
8-Port DB-25M DTE Box	# 76000031
4-Port RJ-45 Connector	# 76000038
4-Port RJ-45 Connector	# 76000033

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Connectability

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