

Features/Specifications

Features

- Four-, eight- or 16-ports with EIA-232 interfaces
- Full duplex operation
- Choice of 16C554 or 16C654 UARTs
- Supports speeds up to 460.8 Kbps with 16C654 UARTs
- Plug-and-Play support for Windows 95
- Software configuration in non-PnP environments with Digi's exclusive software utility
- Four-port and eight-port connection options:
 - DB25 cable
 - DB25 connection box
 - RJ45 wall-mount cable
 - RJ45 connection box
- 16-port versions linked via RJ45 wall-mount connection box
- DB25 female cable connections available for four- and eight-port models
- Multi-strike surge protection on every port
- Fully supports three modes of operation for backward compatibility with legacy Digi, Star Gate and Arnet products
- 16-byte FIFO on 16C554 models
- Automatic flow control and 64-byte FIFO on 16C654 models
- Fully programmable IRQs using levels 3-7, 9-12, 14, 15
- Developers Tool kit available

System Requirements

- Minimum 386-based PC
- One half-length 16-bit ISA slot

Environmental Requirements

- Ambient temperature: 50° F to 120° F (10° C to 50° C)
- Relative humidity: 5% to 90% non condensing
- Altitude: 0 to 12,000 ft (0 to 3,660 m)
- Air movement: 30 CFM forced

Regulatory Approvals

- FCC Class B
- VCCI Class 2
- AS3548 Class B
- EN55022 Class B
- EN50082-2
- UL 1950
- CSA 22.2 No.950
- AS3260
- EN60950

Software Compatibility

Standard (16C554 UART)

- Microsoft Windows 95, Windows 3.x, Windows NT
- SCO UNIX
- UNIX SVR3
- DOS
- Multiuser DOS
- OS/2
- Mumps

Enhanced Option (16C654 UART)

- Microsoft Windows 95, Windows NT

Digi Service And Support

You can purchase 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.

Power Requirements

Four-Port Modules	Eight-Port Modules	16-Port Modules
+5V + 5% 1.8 Amps typical	330mA typical at +5V +/-5%	730mA typical at +5V +/-5%
120mA typical at +12V +/-5%	180mA typical at +12V +/-5%	370mA typical at +12V +/-5%
80mA typical at +12V +/-5%	80mA typical at +12V +/-5%	260mA typical at +12V +/-5%

Dimensions

Host adapter	Height	Length	Width	Weight
Four-, eight-port	0.875 in (2.22 cm)	6.5 in (16.51 cm)	4.2 in (10.66 cm)	5 oz. (14 kg)
16-port	0.875 in (2.22 cm)	6.5 in (16.51 cm)	3.3 in (8.35 cm)	3.5 oz. (09 kg)
Connector Box				
16-port	1.5 in (3.81 cm)	8 in (20.32 cm)	6 in (15.24 cm)	15.5 oz. (439 kg)

Models and Part Numbers

	N. American	International
16C554 UART options		
Digi ClassicBoard 4-port with EIA-232 (International version equipped with DB25 cable)	.....77000436	.....70001141
Digi ClassicBoard 8-port with EIA-232 (International version equipped with DB25 cable)	.....77000437	.....70001142
Digi ClassicBoard 16-port with EIA-232 (Both versions include RJ45 connection box)	.....70001143	.....70001143
16C654 UART options		
Digi ClassicBoard 4-port with EIA-232 (International version equipped with DB25 cable)	.....77000435	.....70001144
Digi ClassicBoard 8-port with EIA-232 (International version equipped with DB25 cable)	.....77000434	.....70001145
Digi ClassicBoard 16-port with EIA-232 (Both versions include RJ45 connection box)	.....70001146	.....70001146

In North America, an additional part number is required for the connection option

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 GSA: GS-35F-3395D.



Digi Provides Classic Performance and Reliability for Today's POS, Industrial and Remote Access Applications.

A Classic Never Goes Out of Style

Long before on-board microprocessors and advanced RISC-based serial solutions, companies relied on basic, non-intelligent serial boards. Today, thanks to dramatic advances in most CPU performance and UART technology, these classic, cost-effective solutions are becoming more popular than ever before. Non-intelligent solutions are best used for less computation-intensive applications when the CPU is able to devote its resources to handling communications.

The Industry's Highest Performing Non-Intelligent Solutions

Of course, not all non-intelligent serial products are created equal. Digi ClassicBoard solutions offer the highest performance of any non-intelligent solution on the market. Models built with the new 16C654 UARTs offer performance that rivals many intelligent solutions — up to 460.8 Kbps on four-, eight- or 16-ports! Models featuring 16C554 UARTs support speeds up to 115.2 Kbps.

A Solution For Any Application

The performance, reliability and affordability of Digi ClassicBoards make them well suited for a variety of applications. ISPs and BBS providers will find them indispensable for supporting in-house modem pools. They're also ideal for connecting cash registers, print receipt devices, scanners and other equipment in retail POS systems. In addition, Digi ClassicBoards support communications between corporate headquarters and vendors, customers or branch offices. This provides an easy way to tap into the advantages of EDI applications.

- 16-port connection box features power LED indicators
- Choice of 16C554 or 16C654 UARTs
- Choice of DB25 or RJ45 connectors
- Multi-strike surge protection

