

[technical specifications]

eicon
technology
corporation

EiconCard S51

■ Hardware Features

- ISA 8-bit
- Motorola 68302 @ 20 MHz
- 2 MB RAM
- Interrupt levels selectable via software (2, 3, 4, 5, 6, 7, 10, 11, 12, 14, 15)
- I/O address selectable via on-board switch (14 options)
- 4KB shared memory access; software selectable starting address (48 options; ranges C000-EF00 and FC000-FEF00)
- Serial High Speed Interface port
- ISDN Basic Rate Interface port

■ Serial Port

- Software and hardware selectable interface types:
 - V.24 and X.21bis (EIA RS-232-C)
 - V.35
 - X.21 with V.11 (X.27) signaling
- 26-pin high-density D-type female connector, supporting all interfaces with appropriate cable
- Line speed up to 512 Kbps
- Internal or external clocking
- Protocol support: X.25, Frame Relay, PPP, SDLC, HDLC
- Throughput:
 - X.25: 400 pps
 - Frame Relay: 500 pps

■ ISDN Port

- DIN-4 female connector
- S/T interface using external cable assembly (RJ45)
- U interface using Eicon ISDN NT1
- Line speed up to 128 Kbps
- Channel support:

- B-channel circuit switched
- B-channel packet switched (X.31 case A, B)
- D-channel circuit switched (X.31 case B)
- B-channel protocol support: X.25, Frame Relay, PPP, Multilink PPP, SDLC, HDLC
- D-channel protocol support: X.25

■ Maximum Power Requirements

- 3 A at +5 Volts
- 80 mA at +12 Volts
- 50 mA at -12 Volts

■ Environment Requirements

- Operating temperature: 0°C to 50°C
- Operating humidity: 0 to 90% (non-condensing)
- Barometric operating pressure: 86 to 106 kPascals
- Maximum tolerance in power supply variation: +5% to -5%

■ Certification

- FCC Class B, Part 15
- CE marking
- Industry Canada (formerly DOC)
- National ISDN-1 (NI-1)
- AT&T 5ESS Custom
- Euro-ISDN (including German, French and Swiss extensions)
- JATE (Japan)
- TPH (Australia)

■ **Warranty**

- 5-year

■ **Dimensions**

- 8.980" x 4.2" (22.80cm x 10.67cm)

■ **Supported OS platforms**

- DOS
- NetWare
- OS/2
- UNIX
- Windows 3.x
- Windows NT

■ **Packaging Contents**

- EiconCard S51
- EiconCard S51 Installation Guide
- Hardware Diagnostic diskette

- V.24 HSI converter
- *with ISDN S/T interface cable*
 - ISDN S/T Interface cable
 - RJ45 cable
 - Terminating Resistor (except Europe)
- *with ISDN NT1*
 - Eicon ISDN NT1 unit and associated cable
 - power supply for NT1
 - Eicon ISDN NT1 installation guide
 - RJ45 cable
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• Product Name	• Product Code
• EiconCard S51	• 310-117
• EiconCard S51 with ISDN S/T cable	• 310-151
• EiconCard S51 with ISDN NT1 unit	• 310-160
• Related Accessories	
• V.24 HSI modem cable	• 310-026
• V.24 /V.35 HSI null modem cable	• 310-031
• V.24 HSI converter	• 310-046
• V.35 HSI modem cable	• 310-024
• V.35 HSI to AS-400 null modem cable	• 310-047
• X.21 HSI modem cable	• 310-025
• X.21 HSI null modem cable	• 310-032
• HSI null modem conversion cable	• 310-033
• ISDN S/T1 cable - North America	• 310-090
• ISDN S/T1 cable - Europe, Japan	• 310-092
• ISDN NT1 unit	• 310-095
• ISDN N/T1 cable - North America only	• 310-097

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