

[technical specifications]

eicon
technology
corporation

EiconCard C21

■ Hardware Features

- ISA 8-bit Plug-and-Play
- Motorola 68302 @ 15.36MHz
- RAM: 512K
- FLASH memory: 512K
- Interrupt level and I/O address: automatically assigned by Plug-and-Play
- V.24 serial interface port
- ISDN Basic Rate Interface port
- LED indicator

■ Serial Port

- DB-25 female connector (EIA RS-232-C)
- Line speed up to 64 Kbps
- Internal or external clocking

Protocol support: X.25, Frame Relay, PPP, SDLC, HDLC

- Throughput:
 - X.25: 300 pps
 - Frame Relay: 350 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

- 1.5 A at +5 Volts

- 50 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)

■ Warranty

- 5-year

■ Dimensions

- 6.195" x 3.45" (15.74cm x 8.76cm)

■ Supported OS platforms

- DOS
- UNIX
- Windows 3.x
- Windows NT
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■ Packaging Contents

- EiconCard C21
- EiconCard C21 Installation Guide
- Hardware Diagnostic diskette
- *with ISDN S/T interface cable*
 - ISDN S/T Interface cable
 - RJ45 cable
 - Terminating Resistor (except Europe and Japan)
- *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 C21 | • 310-150 |
| • EiconCard C21 with ISDN S/T cable | • 310-118 |
| • EiconCard C21 with ISDN NT1 unit | • 310-158 |
| • Related Accessories | |
| • V.24 RS-232 modem cable | • 310-007 |
| • V.24 RS-232 null modem cable | • 310-022 |
| • V.24 RS-232 gender-changed null modem cable | • 310-048 |
| • 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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