

Eiconcard S51

Technical Specifications

○ 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 (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

○ 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 WAN protocol support: X.25, Frame Relay, PPP, Multilink PPP, SDLC, HDLC
- D-channel WAN protocol support: X.25

○ D-Channel protocols:

- NI-1 (North America)
- AT&T 5ESS (North America)
- Euro-ISDN (Europe)
- INS-Net 64 (Japan)
- TPH 1962 (Australia)

○ Maximum Power Requirements:

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

○ Environmental 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)
- BZT
- BAKOM
- JATE
- ACA (Austel)
- PTC (Hong Kong)
- JATE
- JTM (Malaysia)
- TAS (Singapore)
- NZ Telepermit
- Microsoft HCL

○ Warranty:

- 5-year

○ Dimensions:

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

○ Supported OS Platforms:

- Linux
- Windows 2000
- Windows NT 4.0
- SCO OpenServer 5
- SCO UnixWare 2.1
- UnixWare 7

○ Packaging Contents:

- Eiconcard S51
- Eiconcard S51 Installation Guide
- Hardware Diagnostic diskette

- HSI/V.24 converter
- with ISDN S/T interface cable
 - ISDN S/T Interface cable
 - RJ45 cable
 - Terminating Resistor (North America and Australia)
- with ISDN NT1
 - Eicon ISDN NT1 unit and associated cable
 - power supply for NT1
 - Eicon ISDN NT1 installation guide
 - RJ45 cable



© 2001 Eicon Networks Corporation. All rights reserved.
All trademarks or registered trademarks are the property of their respective owners.