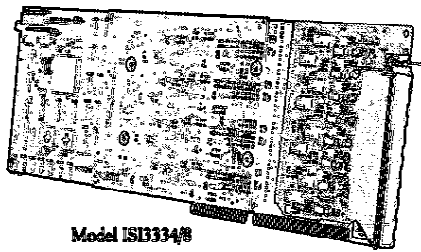


MultiModemISI™



Model ISI3334/8

General Description:

Consolidated modem and buffered serial-port solutions for Windows® NT, Novell®, or UNIX®.

The MultiModemISI is an integrated solution for adding four or eight fast serial ports and modems to communication servers and async hosts that have 16-bit ISA-bus architecture.

Model ISI3334/4 contains Intelligent Serial Interface™ technology for eight serial ports. It includes an Intel® 80186 processor, 256K of RAM for buffering, and four enhanced V.34 (33.6K bps) data/ V.17 (14.4K bps) fax modems. The processor and RAM work together to dynamically allocate resources to the most active ports, thus each port can reliably handle data at speeds up to 115.2K bps (the data rate necessary to optimize V.34/ V.42bis modem technology).

The quad-modem expansion card (model ISI3334/EC) is a daughter card that provides the additional four modems for the ISI3334/4.

Model ISI3334/8 is the complete eight-modem system, which occupies a single ISA-bus expansion slot.

The MultiModemISI ships with a NetWare® Loadable Module (aiosisix.nlm), for NetWare Connect™ communication servers, and drivers for each of the following multiuser operating systems:

Windows® NT®, SCO® UNIX®,
SCO Xenix®, and Novell® UNIXWare®

Each enhanced V.34 modem delivers data rates to 33.6K bps, with throughputs to 115.2K bps, and fax rates to 14.4K bps.

For additional modems, add up to three ISI3334/8s for a total of 32 modems (maximum of four cards per system) per server or host.

Features:

Intelligent serial ports and modems on a card with all the popular drivers.

ISI Features

- Data rates to 115.2K bps per port.
- Drivers for NetWare Connect, Windows NT, SCO UNIX, SCO Xenix, and UNIXWare.

Models and Descriptions:

- ISI3334/4 - Enhanced V.34 internal modem card (four enhanced V.34 modems on one ISA-bus expansion card) with integrated 8-port ISI technology (i.e., on-board communications processing and data buffering).
- ISI3334/EC - Expansion card with four additional enhanced V.34 modems.
- ISI3334/8 - Complete eight-modem package.
- 16 byte address space and one IRQ per card.
- 16 Mhz 80186 Intel® processor.
- 256K bytes of RAM.
- Incoming data is buffered and sent to the system processor in variable-sized blocks. Traditional COM ports interrupt the processor on a character-by-character basis.

Modem Features

- V.42 error correction (MNP® Classes 3 and 4 plus LAP-M) for 100% error-free transmission.
- V.42bis (4:1) or MNP Class 5 (2:1).
- Async operation over a dial-up line.
- Automatically detects and negotiates the highest common data rate between itself and the remote modem.
- Allows the serial port baud rate (adjustable to 115.2K bps) to be set independently of the modem speed for maximum data compression.
- Falls back (under adverse line conditions) in 2400 bps increments to a more stable speed. When line conditions improve, steps back up to the maximum reliable speed.
- Automatic dialing (N0-N1), answering, parity rate selection, and data rate selection.
- Redial, pulse or tone dialing, and dial pauses.
- Two-level password authorization ensures that only authorized callers are granted remote configuration access.
- Fully "AT"-command compatible.
- Help menus and NOVRAM for settings.

Facsimile Features

- Receive Mode has command settings for "fax only," "data only," and "auto detect" (auto-detect requires sending fax to issue a "CNG" tone).

Specifications:

Requires a 486 or Pentium®-based PC with 16-bit bus structure.

Modem Specifications

Modulation: Enhanced V.34, V.34, V.32terbo, V.32bis, V.32, V.22bis, V.22 and V.22. Bell 212A and 103
Data Rates: 33.6K, 31.2K, 28.8K, 26.4K, 24K, 21.6K, 19.2K, 16.8K, 14.4K, 12K, 9.6K, 7.2K, 4.8K, 2.4K, 1.2K, and 0-300 bps
Integrity: V.42 error correction
Compression: V.42bis or MNP Class 5

Facsimile Specifications

Modulation: V.17 or V.29 (Group 3)
Fax Rates: 14.4K, 9.6K, or 4.8K bps
Format: T.4 compressed bitmap
Handshake: T.30
Commands: EIA TR.29 Class 2

Physical/Electrical/Environmental

Dimensions: 0.6" W x 4.8" H x 13.3" L
1.5 cm x 12.2 cm 33.8 cm
Baud Rates: 300 to 115.2K bps per port
Bus Type: ISA or EISA
Connectors: Eight RJ11Cs
Temperature: 32° to 120°F (0° to 50°C)
Power: 1.5 amps @ +5v DC
Base I/O Address: 16 base I/O addresses per card (ISI3334/EC not required). Valid options range from 100h to 3F0h (DIP-switch setting)
Interrupt Request: One IRQ per card. Valid options include 2, 3, 4, 5, 7, 10, 11, 12, & 15 (Jumper setting)
Warranty: Two years
Manufactured in Mounds View, MN, U.S.A.

MultiTech® Systems

The right answer every time.

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