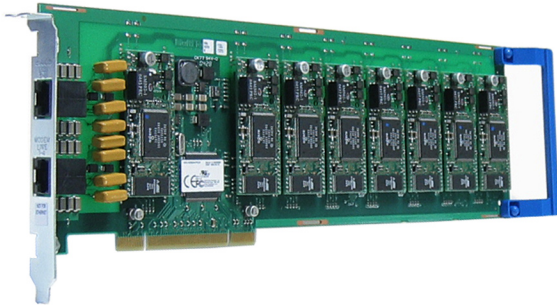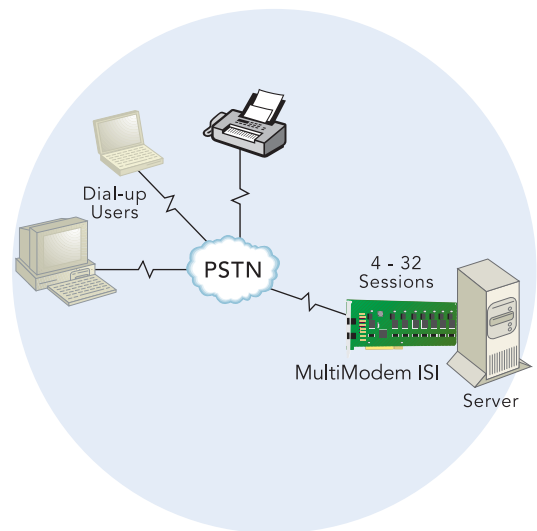# MultiModem® ISI

Multiport Analog Modem Card

The MultiModem® ISI server card is ideal for small- to mid-sized companies requiring analog dial-up remote access or a dedicated fax server solution. It provides up to eight built-in V.92/56K modems for cost-effective, high-density, server-based remote access. The MultiModem ISI server card also offers V.34/33.6K Super G3 fax and Error Correction Mode, that can reduce fax transmission time by more than half when compared to traditional fax modems.

Features

- Four or eight integrated V.92/56K modems
- V.92/56K download speeds and 48K upload speeds when connecting with V.92 servers
- Class 1.0 and Class 2.1 faxing at speeds to V.34/33.6K bps (Super G3)
- Error Correction Mode (ECM) provides fast and reliable fax transmissions
- V.44 compression improves data throughput rates
- U.S. Caller ID reporting
- Sustained data rates to 460.8K per port
- Phone cables included
- Compatible with Windows® 2000/XP/2003/Vista/2008 (32-bit/64-bit) and Linux
- Up to 4 cards per server
- Remote configuration for centralized setup and mangement
- 3.3V and 5V Universal PCI or PCI Express models
- Compatible with PCI-X slot (Universal PCI models)
- Flash memory for easy updates
- Two-year warranty

MultiTech® Systems

Highlights

Cost-Effective & Scalable. The MultiModem ISI server card provides four or eight dial-up sessions using only one server slot. When demand exceeds one modem card, you can simply add up to three additional cards.

V.92 Dial-out Connections. The MultiModem ISI server card supports V.92/56K dial-out and V.34/33.6K dial-in connections. With V.92 dial-out, you can achieve an upload speed of 48K bps (30% increase over V.90 modems).

Enhanced Fax Features. The MultiModem ISI server card supports V.34 fax and Error Correction Mode providing significant performance and reliability enhancements over previous fax standards. V.34 sends and receives faxes at speeds up to 33.6K, more than double the speed of the V.17/14.4K fax standard. Error Correction Mode adds reliablility while increasing performance of fax transmissions. Together these enhancements increase the performance of the MultiModem ISI server card to levels previously only found in more expensive dedicated fax boards and machines.

V.44 Compression. V.44 compression standard improves V.42bis data compression anywhere from 20 to 60%, up to as much as 200% for certain types of highly compressible data. This compression technique enables data throughput rates of higher than 300K bps.

Simplify Remote Access. The fully-integrated MultiModem ISI server card is easy to set up and manage. You only have to connect the phone lines. There are no external modems and power cords to hassle with; plus it saves back office space since the modems are on the card.

Comprehensive Service and Support. The Multi-Tech commitment to service means we provide a two-year product warranty and service that includes free telephone technical support, 24-hour web site and ftp support.

Specifications

Modem
Data: V.92, V.90, enhanced V.34, V.32bis, V.22bis
Error Correction: V.42, MNP Class 3 & 4
Data Compression: V.44, V.42bis, MNP Class 5

Fax
Standards: V.34, V.17, V.29, V.27ter, V.21, T.30, T.30 Annex A, T.30 Annex F, T.31, T.31 Annex B, T.32 Annex C, TR29.2 Class 2 Recommendation
Rates: 33.6K, 31.2K, 28.8K, 26.4K, 24K, 21.6K, 19.2K, 16.8K, 14.4K, 12K, 9600, 7200, 4800, 2400, 300 bps
Error Correction: ECM
Compression: MH (T.4), MR (T.4), & MMR (T.6)
Conversion: Real time (on-the-fly) compression conversion
Commands: Class 1, 2, 1.0, 2.0, 2.1

Bus Type
3.3V & 5V Universal PCI or PCI Express (x1)

Operating System Support
Windows 2000/XP/2003/Vista/2008 (32-bit/64-bit) & Linux

Cabling
Fan out cable with 1 or 2 RJ45 connectors & 4 or 8 RJ11 connectors

Physical Description
Universal PCI Models:
13.87" L × 4.97" W; 8.7 oz
(35.2 cm × 12.6 cm; 247 g)
PCI Express Models:
13.87" L × 4.97" W; 8.5 oz
(35.2 cm × 12.6 cm; 241 g)

Operating Environment
Temperature Range: +23° to +140° F (-5° to +60° C)

Approvals
CE Mark
EMC: FCC Part 15 Class B, EN 55022, EN 55024
Safety: UL/cUL 60950-1, EN 60950-1, AS/NZS 60950:2000, CCC
Telecom: 47CFR Part 68, CS03, TBR21
Other countries also included

Ordering Information

Product	Description	Region
ISI5634UPCI/8	V.92, 8-Modem Card - Universal PCI	Global
ISI5634UPCI/4	V.92, 4-Modem Card - Universal PCI	Global
ISI9234PCIE/8	V.92, 8-Modem Card - PCI Express	Global
ISI9234PCIE/4	V.92, 4-Modem Card - PCI Express	Global

Made in Mounds View, MN, U.S.A.

Features and specifications are subject to change without notice.

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