# MultiModem® ZPX

## V.92 Internal Modem
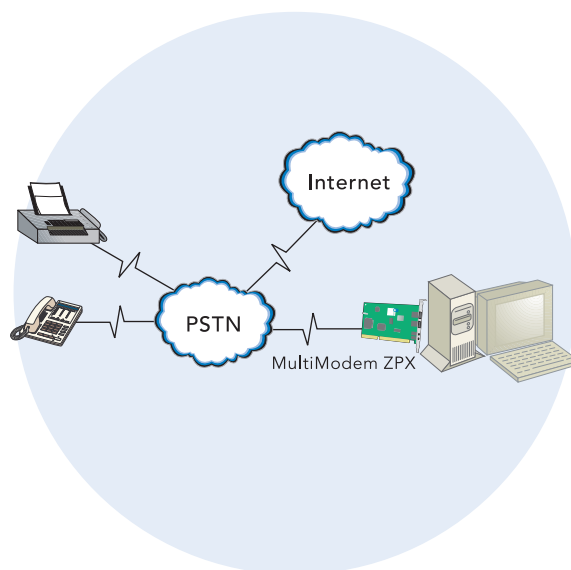
The MultiModem® ZPX V.92 internal modem is ideal for telecommuters and SOHO users. It includes a built-in processor to enhance performance and data throughput. And, with V.34/33.6K fax and Error Correction Mode, it can reduce fax transmission time by more than half when compared to traditional fax modems. The MultiModem ZPX interal modem is approved for use in many countries around the world. This means one modem can ship virtually anywhere.

## Benefits

- Increased upload speeds
- V.34/33.6K Super G3 Fax
- Global approvals
- Universal PCI and ISA models

## Features

- V.92/56K download speeds and 48K upload speeds when connecting with V.92 servers
- V.44 compression improves data throughput rates
- 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
- Voice support for voice mail and full duplex speakerphone (voice models only)
- Plug-and-Play installation under Windows® 95/98/Me/XP/2000/2003 (PCI only)
- Windows NT and Linux compatibility
- U.S. Caller ID reporting
- Global approvals in many countries for worldwide use
- 3.3V and 5V Universal PCI or ISA models
- Telco adapters available for country localization
- Built-in processor that does the work, so your computer doesn't have to
- Remote configuration for centralized setup and management
- DTMF tone detection
- Flash memory for easy updates
- Ten-year warranty

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Systems

# Highlights

**Increased Upload Speeds.** With the V.92 MultiModem ZPX internal modem, you can achieve an upload speed of 48K bps (30% increase over V.90 modems). This higher upstream speed reduces data transfer time for large e-mails with attachments and for ftp site uploads, as well as improves operation for interactive applications.

**V.44 Compression.** V.44 is a data compression standard that improves the current V.42bis data compression anywhere from 20 to 60 percent, up to as much as 200 percent for certain types of highly compressible data. This compression technique, used by the V.92 MultiModem ZPX internal modem, enables data throughput rates of higher than 300K bps - much faster than today's typical rates of 150 - 200K bps. For users, it means that your Web browsing will be much faster.

**Enhanced Fax Features.** The MultiModem ZPX internal modem 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 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 ZPX internal modem to levels previously only found in more expensive dedicated fax boards and machines.

**Doesn't Bog Down Your Computer.** You won't sacrifice computer performance with this controller-based modem. The MultiModem ZPX internal modem does not push processing requests off on your computer; the card does all of the work!

**Global Approvals.** With the MultiModem ZPX internal modem, you need just one modem for worldwide use. This model has approvals in many countries so you can ship one SKU (stocking unit) virtually anywhere in the world. Telco adapters are available for country localization. Go to www.multitech.com/globalmodem for details.

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

# Specifications

## Rates
Data: V.92/56K downloads & 48K upload speeds from V.92 servers; V.90/56K downloads from V.90/K56flex servers; 33.6K bps transfers with other servers
Fax: 33.6K/14.4K bps

## Standards
Data: V.92, V.90, enhanced V.34 & below
Error Correction: V.42, ECM
Data Compression: V.44, V.42bis, MNP® Class 5
Fax: V.34, Class 2.1 & Class 1.0, V.17, Group 3, Class 1 & Class 2, Error Correction Mode (ECM)
Voice: AT+V/TAM voice command set (voice models)
Video: V.80

## Bus Type
3.3V & 5V Universal PCI or ISA (ISA supports IRQ's 3, 4, & 5)

## Connectors
2 RJ-11s; speaker jack & microphone jack
1 RJ-11 (ISA model)

## Operating System Support
Windows 95/98/NT/Me/XP/2000/2003 & Linux

## Physical Description & Operating Environment
PCI Model: 6.0" w × 4.8" h × 0.7" d; 4.4 oz (15.2 cm × 12.2 cm × 1.8 cm; 125 g)
ISA Model: 5.5" w × 4.9" h × 0.87" d; 3.1 oz (14 cm × 12.5 cm × 2.2 cm; 88 g)
+32° to +120° F (0° to +50° C); 20-90% noncondensing

## Certifications
CE Mark
EMC: FCC Part 15 Class B, EN 55022, EN 55024
Safety: cUL, EN 60950, UL 60950
Telecom: CS03, FCC Part 68, TBR21
Other countries also included

# Ordering Information

| Product | Description | Region |
|---|---|---|
| MT5634ZPX-PCI-U | V.92 Voice/Data/Fax World Modem | Global |
| MT5634ZPX-PCI-U-NV | V.92 Data/Fax World Modem | Global |
| MT5634ZPX-V92 | V.92 Data/Fax World Modem (ISA) | Global |

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

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