

# MultiModem® ZDX

## V.92 Desktop Modems



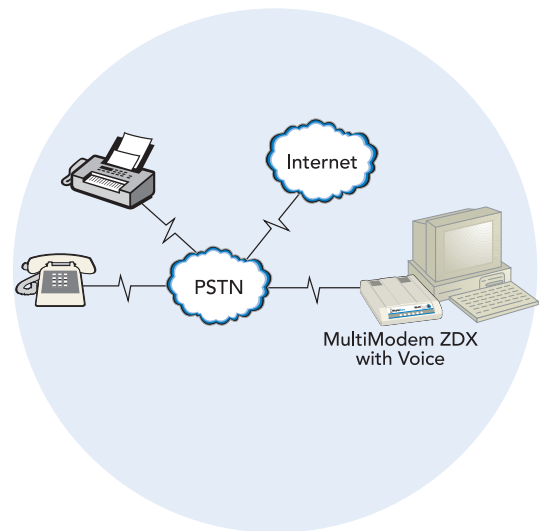
The MultiModem® ZDX desktop modem delivers V.92/56K data transfer and 14.4K faxing capabilities making it ideal for the mainstream PC market.

### 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 and Class 2 faxing at 14.4K
- Voice mail support and full-duplex speaker phone operation on voice models
- Dial-up phone line connectivity for asynchronous equipment
- Phone number storage for automatic dialing
- Automatic call answering
- Automatic rate detection and negotiation
- Small footprint and stackable design
- Includes data/fax software for Windows
- Two-year warranty

### Benefits

- Internet surfing at V.92/56K speeds
- Voice mail and full-duplex phone capability on voice model
- Small footprint and stackable design



## Highlights

**Increased Upload Speeds.** With the V.92 MultiModem ZDX desktop 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 ZDX desktop 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.

**Integrated Voice, Data Communications and Fax Software.** Includes powerful data and fax communications software with an easy-to-use graphical interface for Windows 95/98/Me/XP/2000/2003. And when used with the voice models, you can take advantage of voice messaging and full-duplex, hands-free speakerphone features.

**Consolidate Space and Power Requirements.** For applications that require rackmounting, the MultiModem ZDX desktop modems are ideal. All models have a rackmountable chassis that consolidates space and power requirements for up to twelve modems when using the Multi-Tech ZDXRack.

**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

### Rates

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

Fax: V.17/14.4K bps & below

### Standards

Data: V.92, V.90 & enhanced V.34

Error Correction: V.42

Data Compression: V.44, V.42bis, MNP® Class 5

Fax: V.17, Group 3

Voice: IS-101 AT+V/TAM voice command set (ZDX-V models)

### Connectors

One DB25S (EIA RS-232C/D or V.24)

Two RJ-11 jacks for phone & line

One miniature speaker & one microphone jack (ZDX-V models)

### Operating System Support

Windows 95/98/Me/XP/NT/2000/2003, SCO OpenServer, Linux, & others

### Physical Description

4.3" w × 1.0" h × 5.7" d; 8 oz

(10.9 cm × 2.5 cm × 14.5 cm; 227g)

### Operating Environment

Operating Temp: +32° to +120° F (0 to +50° C)

Humidity Range: 25-85% noncondensing

### Approvals

CE Mark

EMC: FCC Part 15 Class B, EN 55022, EN 55024

Safety: cUL, EN 60950, UL 60950

Telecom: CS03, FCC Part 68, TBR21

## Ordering Information

Product	Description	Region
MT5656ZDX	V.92 Data/Fax Modem	US/Can
MT5656ZDX-EU*	V.92 Data/Fax Modem	Europe
MT5656ZDX-V	V.92 Voice/Data/Fax Modem	US/Can
MT5656ZDX-V-EU*	V.92 Voice/Data/Fax Modem	Europe

\* Specify country when ordering.

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

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