



## Basic Desktop Modems



## Benefits

Affordable desktop modem

Voice mail and full-duplex phone capability on voice models

Small footprint and stackable design

The affordable MultiModemZDX desktop modem delivers high-speed data transfer and faxing capabilities making it ideal for the mainstream PC market.

## Features

- V.90/56K downloads (on 56K models connected to V.90 servers) or V.34/33.6K on 33.6K models with speeds up to 33.6K for uploads or peer-to-peer transfers
- Class 1 (56K models) 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
- Custom installation support (depending on model) with features like 11-bit support, Multi-Tech command set, and remote configuration
- Multi-language data/fax software for Windows
- Ten-year warranty

*Compact Desktop  
Modems for  
Mainstream PC-  
Users and Vertical  
Niche Markets*

## Family Highlights

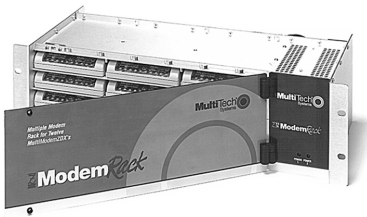
### Integrated Voice, Data Communications and Fax Software.

The MultiModemZDX includes powerful data and fax communications software with an easy-to-use graphical interface for Windows 95, Windows 98, Windows Me, Windows 2000, Windows XP and Windows NT®. And when used with the MultiModemZDX voice messaging and full-duplex, hands-free speakerphone features.

### Advanced Features on 33.6K Models.

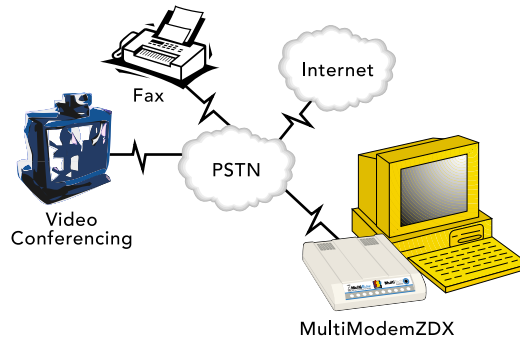
The MultiModemZDX 33.6K models are best suited for applications requiring advanced modem control. Remote configuration lets IS administrators set up and control modems from any location. The Multi-Tech full-featured, enhanced AT command set lets you configure modems for unique applications. And, the 11-bit feature on MT2834 models allows for communication between the modem and an 11-bit device, such as a security system.

**Consolidate Space and Power Requirements.** For applications that require rackmounting, the ZDX family is 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 ten-year product warranty and service that includes free telephone technical support, 24-hour web site and ftp support.

## Data/Fax-Model Highlights



**MT5600ZDX.** This high speed data/fax modem for the mainstream PC-user market features:

- V.90 for 56K bps downloading speeds
- Class 1 and Class 2 fax commands
- U.S. Caller ID reporting
- Plug and Play operation
- V.80 video conferencing
- Flash memory
- Storage for four phone numbers

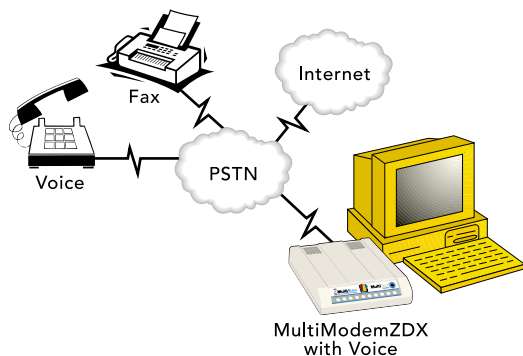
**MT3334ZDX.** This affordable data/fax modem for the mainstream PC-user market features:

- Enhanced V.34 for 33.6K bps data transfer speeds
- Class 1 and Class 2 fax commands
- U.S. Caller ID reporting
- Plug and Play operation
- V.80 video conferencing
- Remote configuration
- Storage for three phone numbers

**MT2834ZDXb.** This flexible data/fax modem for vertical niches requiring unique modem configurations, such as UNIX, medical and retail POS applications, features:

- Enhanced V.34 for 33.6K bps data transfer speeds
- Class 2 fax commands
- Remote configuration
- DTMF tone detection
- 11-bit support
- Standard AT and Multi-Tech commands accepted
- Storage for two phone numbers

## Voice/Data/Fax-Model Highlights



**MT5600ZDXV.** This high speed data/fax/voice modem for the mainstream PC-user market features:

- V.90 for 56K bps downloading speeds
- Voice mail and full-duplex speakerphone support
- Class 1 and Class 2 fax commands
- U.S. Caller ID reporting
- DTMF tone detection
- Plug and Play operation
- Flash memory
- Storage for four phone numbers

## Specifications

### Rates

Data: 56K downloading speeds from V.90/K56flex servers (56K models); 33.6K bps  
 Fax: 14.4K and below

### Standards

Data: V.90/K56flex (56K models); Enhanced V.34  
 Error Correction: V.42  
 Data Compression: MNP<sup>®</sup> Class 5; V.42bis  
 Fax: V.17, Group 3  
 Voice: AT#V/TAM voice command set

### Connectors

One DB-25S (EIA RS-232C/D or V.24)  
 Two RJ-11 jacks for phone & line (not included on MT2834ZDXb)  
 One miniature speaker & one microphone jack (ZDXV models)

### Operating System Support

Windows 95/98/Me/XP, Windows NT/2000, 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 Temperature: 32 – 120°F (0-50°C)  
 Humidity Range: 25-85% noncondensing

### Approvals

FCC Part 15B & 68; UL1950; CE Mark

## Ordering Information

Product	Description	Region
MT5600ZDX	V.90 Data/Fax Modem	US/Can
MT5600ZDXe*	V.90 Data/Fax Modem	Euro/ROW
MT3334ZDX	V.34 Data/Fax Modem	US/Can
MT5600ZDXV	V.90 Voice/Data/Fax Modem	US/Can
MT5600ZDXVe*	V.90 Voice/Data/Fax Modem	Euro/ROW
MT2834ZDXb	V.34 Data/Fax Modem	US/Can
MT2834ZDXle-33*	V.34 Data/Fax Modem	Euro/ROW

See the MultiModemZDX table on the last page for more model-specific features and specifications.

\* Specify country when ordering.

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

**Trademarks:** MultiModemZDX, Multi-Tech, & the Multi-Tech logo: Multi-Tech Systems, Inc. / All other products or technologies are the trademarks or registered trademarks of their respective holders.

## MultiModemZDX Modems

Model	MT5600ZDX	MT5600ZDXV	MT3334ZDX	MT2834ZDXb
<b>Features</b>				
V.90/K56flex™ (56K)	●	●		
V.34 (33.6K bps)	●	●	●	●
V.32bis (14.4K bps)	●	●	●	●
V.32 (9.6K bps)	●	●	●	●
V.22bis (2.4K bps)	●	●	●	●
AT#V/TAM Compatible (Voice Mail)		●		
U.S. Caller ID Reporting	●	●	●	
V.80 (Video)	●	●	●	
V.42 (Error Correction)	●	●	●	●
V.42bis (Data Compression)	●	●	●	●
MNP 5 (Data Compression)	●	●	●	●
Fall Back and Fall Forward	●	●	●	●
V.17 Fax (14.4K bps)	●	●	●	●
Class 1 Fax	●	●	●	
Class 2 Fax	●	●	●	●
Asynchronous	●	●	●	●
Remote Configuration			●	●
DTMF Tone Detection		●		●
ZDX Rackmountable Chassis	●	●	●	●
Flash Memory	●	●		
11-Bit Support				●
Plug and Play	●	●	●	
Phone Number Storage	4	4	3	2
AT Command Set	●	●	●	●
Multi-Tech Command Set				●
Corporate Pack*	●	●	●	●

\* Corporate Packs include 25 modems with cables and one owners manual.

**World Headquarters**  
Tel: (763) 785-3500  
(800) 328-9717

[www.multitech.com](http://www.multitech.com)

**Multi-Tech Systems (France)**  
Tel: +(33) 1 64 61 09 81

**Multi-Tech Systems (UK)**  
Tel: +(44) 118-959 7774