



MultiModem™

Basic V.92 Desktop Modems



Benefits

Internet surfing at lightning fast speeds

Voice mail and full-duplex phone capability on voice model

Small footprint and stackable design

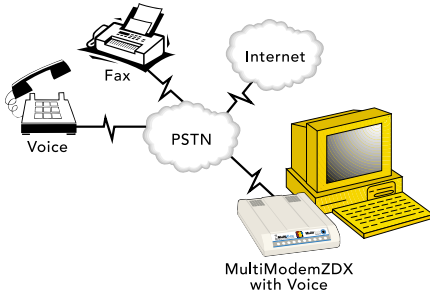
The affordable MultiModemZDX desktop modem delivers high-speed V.92/56K data transfer and 14.4K faxing capabilities making it ideal for the mainstream PC market.

Features

- V.92/56K download speeds and 48K upload speeds when connecting with V.92 servers
- Quick connect feature can cut the time required for a dial-up modem to “handshake” to an ISP or other connection in half
- Modem-on-hold feature allows the modem to work in conjunction with call waiting provided by phone company
- 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
- Multi-language data/fax software for Windows
- Ten-year warranty

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

Highlights



Increased Upload Speeds. With the V.92 MultiModemZDX, 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.

Quick Connect. The V.92 MultiModemZDX quick connect feature reduces the dial-up connection time by as much as 50% for a modem to “handshake” to an ISP or other connection.

Modem-on-Hold. The modem-on-hold feature allows the V.92 MultiModemZDX to work in conjunction with call waiting provided by the phone company. Users can answer a new phone call for up to 16 minutes without dropping the modem connection. Users are then able to resume surfing the Internet after they terminate the voice call.

V.44 Compression. V.44 is a new data compression standard that will improve 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. The compression technique, used by the V.92 MultiModemZDX, 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. The V.92 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 V.92 MultiModemZDX 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 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.

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

www.multitech.com

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

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

Specifications

Rates

Data: V.92/56K downloads and 48K upload speeds from V.92 servers; V.90/56K downloads from V.90/K56flex servers; 33.6K bps transfers with other servers

Fax: V.17/14.4K bps and 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 DB-25S (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, 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

CE Mark

EMC: EN55022, EN55024, FCC Part 15 Class B

Safety: cUL, EN60950, UL60950

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.

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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.

