



ZOOM/FaxModem 56K USB

Controller-based External for PC & Mac Model 2985/2986

About the Zoom/FaxModem 56K USB Controller-based

- **56K V.90 External faxmodem for computers with USB**
- **Fast and easy to install; just plugs into USB port**
- **On-board DSP for high performance**
- **On-board Controller for extra gaming and multimedia power**
- **Channel 2™ call waiting feature**
- **Windows® Plug and Play**
- **iMac compatible**
- **Flash memory and reprogrammable Digital Signal Processor (DSP) enable easy software upgrades**

The Zoom/FaxModem 56K USB Model 2985 (Model 2986 for Mac) utilizes the capabilities of a computer's Universal Serial Bus for the fastest and most convenient modem hookup yet! Using the included USB cable, just plug the Zoom/FaxModem 56K USB into your PC or Macintosh USB port; you don't even have to shut down the computer. The new modem will then be installed automatically and you'll be ready for fast, reliable access to the Internet, and other dial-up modems. Configuration is automatic and without the potential conflicts of an RS-232 serial port or an internal modem. The Zoom/FaxModem 56K USB doesn't even need an external power supply. It gets its power from the USB port itself.

The performance of the Zoom/FaxModem 56K USB can be significantly better than that of conventional 56K modems that connect to a computer through a serial port. The modem is capable of receiving data from an Internet Service Provider (ISP), online service, or corporate LAN over standard phone lines at speeds up to 56 Kbps uncompressed or 230.4 Kbps with compression. Outgoing data is transmitted at normal modem speeds of up to 33.6 Kbps.

The Zoom/FaxModem 56K USB is Dualmode; supporting both the V.90 ITU Standard and K56flex, the commonly used pre-standard 56K technology. The modem automatically selects V.90, K56flex or 33.6 Kbps or slower speed to achieve the fastest compatible connection speed.

The Zoom/FaxModem 56K USB features a reprogrammable Digital Signal Processor (DSP) and flash memory for downloading modem code updates.

Like all Zoom Dualmode modems, the Zoom/FaxModem 56K USB includes V.80 capability for compatibility with H.324 standard point-to-point video telephony over regular phone lines. Additional features include Zoom's Channel 2™ Call Waiting support which allows selective answering of incoming voice calls during Web browsing. The Channel 2 feature works in conjunction with the Call Waiting service available from most phone companies. It functions with all ISPs (including AOL) and popular browsers.

The Model 2985/2986 also features ZoomGuard™. ZoomGuard provides superior protection against lightning, the number one cause of modem failure. ZoomGuard is not only better than the "varistor" protection found on other modems, but also outperforms most stand-alone surge protectors.

Bundled software includes hardware drivers and utilities plus fax/voice/data communications, videoconferencing, Internet access, graphics editing and other useful programs.

The Zoom/FaxModem 56K USB Controller-based is made and supported by Zoom Telephonics, Inc., and is backed by Zoom's outstanding seven year warranty.

Features

- Class 1 fax
- Videophone-ready
- Voice Mail (Windows PC requires soundcard)
- ZoomGuard™ superior lightning protection



Model Summary
Zoom/FaxModem 56K USB Controller-based

Model 2985 for PC
Model 2986 for Mac

ZOOM/FaxModem 56K USB

Controller-based External for PC & Mac

Model 2985/2986

Data Speeds

- Rate Adaptive to yield highest possible data rates
- 56,000 bps receive/33,600 send with auto-negotiation of V.90 or K56flex. Software upgradeable controller and digital signal processor for easy upgrades.
- 300 to 33,600 bps full-duplex supporting all international and Bell standards.

Data Compression

- V.42bis and MNP5 for increased data throughput to take advantage of advanced USB speeds

Fax Speeds

- Class 1, 300 to 14,400 bps, Group 3

Standards Supported

- Data – V.90, K56flex, V.34, V.32bis, V.32, V.22bis, V.22 A/B, V.22, V.23, V.21, Bell 103/212A
- Compression – V.42bis, MNP5
- Error Control – V.42, MNP2-4
- Plug and Play
- Hayes AT and extended AT command set compatible
- V.80 for H.324 (videophone) compatibility

Phone Interface

- 2 Standard (RJ-11) telephone jacks for telephone and line connections.

Dialing

- Supports programmable duration DTMF (touchtone)
- Auto-answer
- Call progress tone detection (dial tones, busy, ring, etc.)

Video Support

- V.80 (required for point-to-point H.324 video over standard phone lines)

Additional Features

- Connects to USB port
- Includes USB cable
- Fully compliant with version 1.1 of USB specification
- Voice Mail (PC model requires soundcard)
 - High-quality voice storage and playback
 - Easy message review
 - Message recording
 - Multiple private voice mailboxes
 - Password protection and more

Regulatory Approvals

- FCC Parts 15B and 68
- UL, C-UL
- Industry Canada
- CE Approved

Physical Specifications

- 5.25 in. W by 6.50 in. L by 1.50 in. H

System Requirements

- Model 2985 Windows® 98, Me, or 2000 PC with USB
- Model 2986 iMAC® or Power Mac® with USB (Power Mac G3 or PCI based Power Mac) and Mac OS 8.5 or above.

Warranty

- Seven years



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