ZOOM/FaxModem 56K   PC Card
Controller-based for PC & Mac   Model 2975/2976

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ITU
V.90
STANDARD

ZOOM®
PC CARD 56K
DUAL MODE

- **On-board DSP for high performance**

- **On-board Controller for extra gaming and multimedia power**

- **Group 3, Class 1 Fax**

- **Low-power circuitry with energy-saving "Sleep Mode" minimizes battery drain**

- **ZoomGuard™ superior lightning protection**

- **Videophone ready**

- **Traditional Zoom quality and value**

About the Zoom/FaxModem 56K PC Card Controller-based

The Zoom/FaxModem 56K PC Card Model 2975 for PC (Model 2976 for Mac) is a state of the art, high speed V.90 faxmodem that can be used with a notebook, palmtop, PDA, or any computer with a compatible PCMCIA slot. It's at home in the office and on the road. Its small size, slim cord, rugged connector design, built-in DAA, and battery-conserving circuitry make the Zoom/FaxModem 56K PC Card the perfect traveling companion. The Zoom/FaxModem 56K PC Card's performance is further enhanced by its on-board controller and DSP (Digital Signal Processor).

The Zoom/FaxModem 56K PC Card can receive data from compatible sites at speeds up to 56,000 bps, and at higher speeds with compression. It incorporates both the V.90 ITU 56K Standard and K56flex™, the most widely supported non-ITU 56K technology, to achieve download speeds nearly twice as fast as any conventional analog modem. That means fast access to the Internet, World Wide Web, and local area networks (LANs) over standard phone lines. The Zoom/ FaxModem 56K PC Card automatically connects in ITU V.90 mode, K56flex mode, 33.6 Kbps, or any other ITU International or Bell standard speed to achieve the fastest, most reliable connection possible.

The Zoom/FaxModem 56K PC Card includes Class 1 14.4 Kbps send/receive fax capability for convenient printer-quality faxing to any faxmodem or fax machine. The modem also includes V.80 capability for compatibility with H.324 Standard point-to-point videotelephony over regular phone lines and also supports H.323 Internet applications including video conferencing.

The Zoom/FaxModem 56K PC Card permits software downloads to flash memory for all modem code, even DSP code. This protects your investment and permits fast, easy upgrades. Bundled software for Windows® includes fax and data software.

Installing the modem is fast and easy. Just plug it into a standard PCMCIA Type II, III, or Toshiba 16mm slot, and then attach to a telephone jack by means of the slim cord. A reprogrammable Digital Signal Processor (DSP) and flash memory make downloading updates for all modem code, including DSP and Controller code fast and easy.

The Zoom/FaxModem 56K PC Card features ZoomGuard™ lightning and surge protection, which provides much better protection than provided by ordinary metal oxide varistors (MOVs).

Sleep mode capability conserves power when modem is running on a computer¹s battery. When the faxmodem is in sleep mode, it "wakes up" when it senses activity, such as a modem command or an incoming call.

The Zoom/FaxModem 56K PC Card Model 2975/2976 is made in the USA by ZoomTelephonics, Inc., an industry leader in telecommunications since 1977.

Features

- On-board Controller & DSP (Digital Signal Processor) for high performance
- Battery saving circuitry for notebook and laptop computer use
- Backed by Zoom's extensive manufacturing and support experience

Model Summary
Zoom/FaxModem 56K PC Card Controller-based   **Model 2975 for PC**
                                                                 Model 2976 for Mac

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ZOOM®

ZOOM/FaxModem 56K PC Card

Zoom/FaxModem 56K PC Card Controller-based   *Model 2975/2976*

Data Speeds
- Rate Adaptive to yield highest possible data rates
- 56,000 bps receive/33,600 bps 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.

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

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
- Hayes™ AT and extended AT command set compatible
- V.80 for H.324 (videophone) compatibility
- H.323 for videoconferencing over the Internet and other networks

Operating System Support
- Windows 95, 98, Me, NT 4.0 and 2000
- Mac OS

Additional Features
- On-board Controller and DSP
- Flash memory for easy upgrades
- Call progress tone detection (dial tones, busy, ring, etc.)
- Slim phone cord (connects PC Card to standard RJ-11 phone jack)
- Plug and Play for automatic configuration with Windows 95, 98, Me, and 2000 (Model 2975)

Regulatory Approvals
- FCC Parts 15B and 68
- UL, C-UL
- Industry Canada

Physical Specifications
- PCMCIA (PC Card) Type II fits Type II, III or Toshiba 16mm slot

Warranty: Two years

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