

Omni 56K *Smart*

Simple and Compact 56K Analog Modem with Powerful Data/Fax Function



More for Less

ZyXEL's Omni 56K Smart is the ideal and cost-effective solution for dial-up Internet access. It supports ITU V.90 protocol with the highest speed of 56Kbps and complies with industry standards. The Omni 56K Smart, with the speed of up to 56Kbps for data and 14.4Kbps for fax transmission, is compatible with all existing modem and fax standards. With its user-friendly installation and easy-to-use configuration, Internet access has never been so easy.

Features

- ITU V.90 56K down-stream data transmission
- V.34 33.6K data transmission rate
- Compatible with RS-232 serial connector
- Automatic speed fall-back/fall-forward with fast retrain negotiation
- Automatic Data/Fax call detection
- Error correction & data compression
- Microsoft Windows 98/ME/2000/XP plug and play compatible
- Distinctive Ring Detection
- Caller ID*

*Available in areas where the phone company provides caller ID service

ZyXEL
TOTAL INTERNET ACCESS SOLUTION



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Specifications

Specifications for Omni 56K Smart

- RS-232 interface

Technical Specifications

- Operation Modes: Auto-dial/Auto Answer, Originate/Answer
- Command Set: Full AT command set, Extended AT command set
- Dialing Type: Tone/Pulse dialing
- Flow Control: Software XON/XOFF, Hardware RTS/CTS
- Asynchronous Data Rate: 300 to 460.8Kbps (Autoband)
- Line Types: 2-wire dial-up line
- Diagnostics: Digital Loopback, Line Condition Reporting
- LED Status Indicator: OH, POWER

Standards and Protocols supported

- Error Control: V.42/MNP 3-4
- Data Compression: V.42bis/MNP 5

Data Compatibility

- V.90 56K down-stream data transmission
- Modulation mode: V.90, V.34, V.32bis, V.32, V.23, V.22bis, V.22, V.21, Bell 212A, Bell 103
- On-line line condition monitoring
- Serial DTE speed up to 460.8 Kbps

Fax Compatibility

- G3 Fax send/receive
- V.17 (7.2Kbps to 14.4Kbps)
- V.29 (7.2Kbps to 9.6Kbps)
- V.27ter (2.4Kbps to 4.8Kbps)
- EIA Fax Class 1 and Class 2.0 command set

Physical Interface

- One RJ-11 interface for line connection
- One RJ-45 interface for DTE connection
- Power Requirements: 9V AC
- Dimensions: 75mm (W) x 100mm (D) x 25mm (H)
- Weight: 102 g

Operating Requirements

- Temperature: 0 °C to 40 °C
- Humidity: 20 to 90 %

Lifetime Limited Warranty:

- 2 years