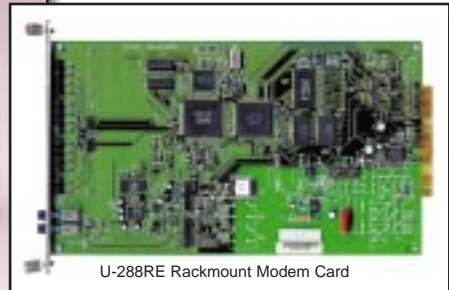


ZyXEL Rackmount Systems



U-288RE Rackmount Modem Card

SUPPORT MULTIPLE USERS FROM ONE LOCATION

Tired of tripping over bulky cables while balancing countless standalone modems leaning off the edge of your desk? The ZyXEL Rackmount Systems are your new multiple user - one location solution. Optional **ZyView Network Management Software** allows you to manage up to 4096 remote and/or local NMS capable U-series rackmount modems from one computer. Network Managers, SysOps, and ISPs will appreciate how simple and trouble-free remote site management can be.

THE RACK CHASSIS'

With their compact 7" by 19" size, the chassis' let you load up to 16 U-Series modem cards to create one efficient and convenient modem network.

- The **RS-1612** Chassis is equipped with an LCD display, easy menu control, and supports ZyView Network Management System (NMS)
- Also available in an economy model **RS-1602E** (no LCD display and no NMS support)

THE RACK CARDS

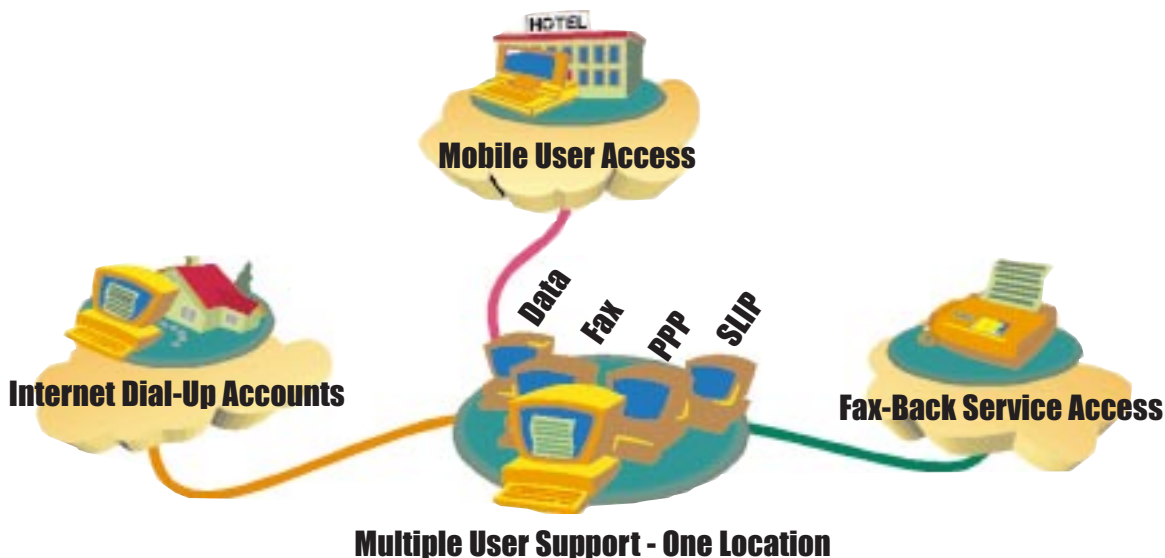
Each U-288R series rackmount modem card is packed with features designed to simplify the way you manage your network. They're also equipped with all the standard and Intelligent features you've come to expect from ZyXEL.

- Ideal for mission critical applications where reliability, compatibility, and speed come first. Such as corporate and university data sites, government agencies, and electronic banking.
- 28.8Kbps, flash upgradeable to 33.6Kbps, and backward compatible to 300bps.
- Supports V.42 Error Correction for reliable data transfer, and V.42bis Data Compression for higher throughput speeds.
- Supports asynchronous/synchronous operations on dial-up and leased lines.
- Auto Rate Fall-forward/Fall-back is implemented to ensure reliable connections.

ZyXEL

ACCESSING INTERNET & INTRANET

ZyXEL Rackmount Systems



RS-1612/1602E - PHYSICAL CHARACTERISTICS

- 7" by 19" chassis holds 1 to 16 U-Series modem cards
- 16 DB25s female connectors for DTE connections
- 16 8-pole terminal blocks, four screw terminals for 2-wire leased/dial-up line and phone connections
- LCD Display with easy menu control (RS-1612 only)

RS-1612/1602E - POWER SUPPLY

- AC 90-263V input, 43~60Hz
- DC 48V input power supply unit available
- Slots to accommodate dual power supplies with redundancy

U-288R Series - STANDARDS and COMPLIANCE

- Fully compatible with ITU-T and Bell protocols V.34bis*, V.34, V.32bis, V.32, V.22bis, V.22/BELL 212A, V.23 and V.21/BELL 103
- Supports ZyXEL 19.2Kbps and 16.8Kbps modes
- Speed range: 33.6Kbps*, 28.8Kbps, 26.4Kbps, 24Kbps, 21.6Kbps, 19.2Kbps, 16.8Kbps, 14.4Kbps, 12Kbps, 9.6Kbps, 7.2Kbps, 4.8Kbps, 2.4Kbps, 1.2Kbps, and 300bps
- Operates in DOS, Windows, Macintosh, Novell, and OS/2, UNIX, Novell, Amiga, and IBM AS400/RS6000 environments
- Fully compatible with all popular communications and fax software packages

U-288R Series - INTELLIGENT FEATURES

- Supports ZyView Network Management System (U-288R only)
- Automatic Data/Fax Detection
- V.42/V.42bis Error Correction/Data Compression
- Auto Fall-forward and Fall-back with fast rate renegotiation
- Caller ID decoding and Distinctive Ring detection
- Call-back Security with Password Protection
- Upgradeable by Flash EPROM firmware upload

U-288R Series - FAX FUNCTIONALITY

- EIA Class 1, 2, 2.0 Fax Commands
- 14.4Kbps (V.17) and 9600~2400Kbps (V.29/V.27ter) G3 Fax Send and Receive
- ZyXEL Fax AT Commands

U-288R Series - TECHNICAL SPECIFICATIONS

- Operational mode: auto-dial/answer or manual originate/answer
- Data mode: Asynchronous/Synchronous
- DTE interface: EIA-232 up to 460.8Kbps
- Error Control: MNP 3/4 and V.42
- Data Compression: MNP5 and V.42bis
- Flow Control: Software XON/XOFF or hardware CTS/RTS
- Command set: extended AT Commands and V.25bis
- Configuration settings: software programmable with non-volatile memory for telephone number/profile storage
- Diagnostic modes: modem full self test, analog loop-back with self test, digital loop-back, and remote digital loop-back with self test
- Line type: 2-wire dial-up or leased line
- Dial type: tone/pulse
- Call Progress Monitoring: dial tone, busy, and ring back detection

Backed by ZyXEL - The Communications Experts

- Two Year Warranty on parts and labor
- Knowledgeable Technical Support Staff
- 24-hour BBS Technical Support line, and Web site

RS-1602E - Economy Chassis	RS-1612 - LCD Chassis
U-288RE 28.8K / 33.6Kbps* (also accepts U-1496RE cards)	U-288R 28.8K / 33.6Kbps* (available with optional NMS)

US FCC, Canadian IC, and European CE approved. Specifications subject to change without notice. Trademarks are the properties of their respective owners.
*Upgradeable by flash firmware upload. Rev 9701-B

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