



Megahertz® 56K*

Global GSM and Cell Modem PC Card

Get fast, reliable modem connections with the Megahertz® 56K* Global GSM and Cellular Modem PC Card. Available in 18 languages, this modem easily configures for phone lines in more than 250 countries/regions as well as for multiple dial-up locations. And wherever you connect, U.S. Robotics' advanced line probing technology delivers higher modem throughput and more reliable connections-even over the worst line conditions. Use it with your laptop running DOS, Windows, Mac OS, or Linux, and select analogue cellular phones or GSM handsets.

V.90 56K* data/14.4Kbps fax.

Standard V.90 56K access gives you high-speed downloads and universal compatibility.

Direct-connect cellular and GSM access

Enjoy easy, reliable wireless access with select GSM handsets and AMPS cellular phones. Cable sold separately.

WorldPort® software

Simply select a country flag or name to configure your modem for use in more than 250 countries/regions.

DynamicAccess® technology

Mobile connection manager delivers one-step mobile configuration and connectivity for multiple locations.

Intelligent Auto Install

Enjoy easy, plug-and-play installation in a matter of minutes--everything you need is on the included CD-ROM.

Digital Line Guard

Alerts you if connecting to potentially damaging digital or PBX phone lines.

Hot swapping.

Switch PC Cards without rebooting or exiting Windows.

Flash DSP/Flash ROM

Update virtually any function with a simple software download.

Guaranteed compatibility with all portable computers that comply with The PC Card Standard.

Data/fax software

Fax directly from any Windows 95 or 98 application, transfer data files at the click of a mouse.

Advanced line probing performance

Delivers higher throughput and more reliable V.90 56K connections, even over the worst line conditions.

Operating Systems

Modem is compatible with Windows NT 4.0, Windows 98, Windows 95, Windows 3.1x, or DOS with Card and Socket Services Version 2.1 or higher; Macintosh System 7.5.5 or higher; and Linux systems.

System Requirements

IBM-compatible notebook with a 50 MHz 486 microprocessor or a 190, 1400, 5300, or 2400 series Apple PowerBook or later; 8 MB of RAM (Windows NT 4.0 requires 16 MB of RAM); CD-ROM drive.

Modem Standards

Hayes AT command set, V.80, V.80bis, V.90 56K standard, Bell 103, Bell 212A, ITU-T V.21, ITU-T V.23, ITU-T V.22, ITU-T V.22bis, ITU-T V.32, ITU-T V.32bis, ITU-T V.34, and V.34+

Fax Standards

ITU-T V.17, ITU-T T.30, ITU-T V.21, ITU-T V.27ter, ITU-T V.29, ITU-T Group III, EIA Class I, and EIA Class 2.0

Protocols

Error Correction/Data Compression
ITU-T V.42, ITU-T V.42bis, ETC (cellular models only), MNP levels 2-5, ETC, GSM (with included software)

AMPS Cellular Phone Compatibility

Separately sold cables offer compatibility with a wide range of cellular phones where AMPS cellular service is available, including, but not necessarily limited to: Ericsson AH 200 and 300 Series, DCC Series, DH 300 Series, DF 300 Series, PD 300 Series, AH600 Series, KF788, KF688, LX677, LX788, KH688, DF688, DH668, DH618; Motorola MicroTAC and StarTAC analog cellular phones; Nokia 252, 282, 2120, 2160, 2180, 5120, 5160, 6120, 6160, 6161, 6162.

GSM Compatibility

GSM Connection Manager software for Windows 95 and 98 bundled with your modem works with the Nokia cellular mobile data suite (1.2 and 2.0) and Ericsson DI27 (provided separately by your handset vendor).

Cables available from your handset vendor offer compatibility with select GSM handsets in Europe where GSM service is available including:

Nokia Cellular Data Suite 1.2 and 2.0 compatible with Nokia 6110, 6190, 5110, 5190 and compatible GSM900, GSM1800, GSM1900 digital mobile phones through the 9-pin serial cable DAU-9P; Ericsson DI27 compatible with T18, S 868, SH 888, GF 788, CF 788, GF 788c, CF 768, CF 688, PF 768, GF 788e, CA 638, GF 768, GF 768c, GH 688, and GA 628.

Contact U.S. Robotics

Web: www.usr.com
Please refer to the International section on the US website until advised
www.usr-emea.com
European site under construction, date to be advised

Pre-sales support:

UK: 0800 0289362

France: 0800 907829

Germany: 0800 1 811792

Spain: 900973225

Italy: 800 782119

Universal Toll Free number: +32 11 300 539

*All V.90 products are capable of download speeds up to 56Kbps; however due to varying line conditions the actual download speeds you experience may be lower. Requires compatible analogue phone line and server equipment.

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Operating Modes

- Asynchronous
- Full-duplex
- Automatic and manual call originate
- Automatic and manual answer

Dialing Capabilities

- Tone and rotary pulse

Asynchronous Data Rates

- Transmission rate fall back through 300 bps

Ringer Equivalence

- 0.001B

Receive Sensitivity

- -45 dBm

Asynchronous Character Format

- Up to 10 bits, including data, start, stop, and parity bits

Pulse Dialing Rate

- 10 pulses per second
- Pulse dialing duty cycle 39 to 61% (U.S.)

Tones Detected

- Dial, busy, ringback, and modem answer tones

Blind dialing based on timeout periods is available for incompatible tones

Line Requirements

Public switched telephone network including international connections
V.90/x20 technology: one D/A conversion
Compatible Public Switch Network Jacks RJ-11W, RJ-41S, and RJ-11C

Operating Temperature

0° to 70°C

Warranty

U.S. Robotics warrants to the original purchaser that this product will be free from defects in materials and workmanship for a period of five years from the date of purchase.