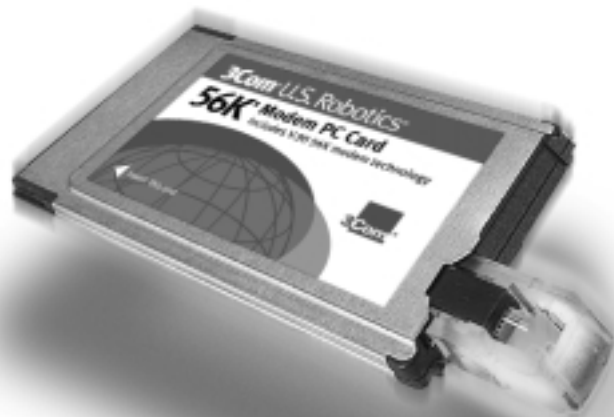


3Com® U.S. Robotics®



56K* Modem PC Card

Includes V.90 56K and x2™ technology



Enjoy V.90 56K access and experience the Internet like never before.

Key Benefits

56 Kbps* data/14.4 Kbps fax.

Enjoy high-speed downloads with the V.90 56K standard, universal compatibility with V.90, x2™ technology, V.34, and more.

Exclusive Line Probing technology. Delivers higher modem throughput and more reliable connections—even over the worst line conditions.

Durable connections. No cables. Standard phone connections are a snap with XJACK® connector that lights to show connection status.

Maximised for Windows. Made specifically to work in Windows 95, 98, and Windows 2000** to give you better performance.

Software upgradable. Making basic enhancements to your modem is as easy as copying a file.

Compatibility. Compatible with all portable computers that comply with The PC Card Standard.

Intelligent Auto Install. Easy, doubt-free installation in a matter of minutes.

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.

Data/fax software. Fax directly from any Windows 95, 98, or Windows 2000** application and transfer data files at the click of a button.

The World Wide Web offers a range of resources no one imagined a few years ago. To see the detailed graphics and lifelike motion built into today's advanced sites and to hear near-CD quality sound, you need the fastest downloads possible over analogue phone lines. A 3Com® U.S. Robotics® 56K* Modem PC Card gives you faster downloads, plus maximised performance if you've standardised on the Windows operating system—you fully experience the Internet and everything it offers.

Faster Internet Access

Experience the full Internet experience with rich graphics, real-time audio and video, and intense game action. With the V.90 56K standard built into your PC Card, you not only enjoy faster downloads, you also enjoy the benefits of getting on and offline faster so you're more productive and you spend less on phone costs. 3Com V.90 solutions give you simultaneous compatibility with V.90, 56K x2™ technology, V.34, and more. And Exclusive Line Probing (ELP) technology delivers higher modem throughput and more reliable connections—even over the worst line conditions—you always connect at the fastest speed possible.

Quick and Easy to Install

Slide your PC Card into your notebook running Windows 95, 98, or 2000** and with a few clicks, your modem "introduces" itself to your computer without any effort from you. The Windows operating system makes the necessary adjustments to get you going.

XJACK® Modem Connector

XJACK® connector is the easiest way to connect to any standard phone line—anywhere. It saves you from carrying and possibly losing extra cables. Simply extend XJACK connector and insert any standard phone cord. It blinks when you're connecting, then stays lit so you know you're connected. When you're on the go, it retracts safely back inside your PC Card. And it's made from strong, heat-resistant Lexan to stand up to the most hectic mobile schedule.

A cable modem connector is also available.

Easy to Upgrade

Your PC Card is software-upgradable to protect your investment. Making basic performance enhancements is as simple as copying a file to your hard drive. Add new features and enhancements to your modem with a few mouse clicks.

Modem PC Card

Experience the Internet like never before



Compatibility

3Com U.S. Robotics modem PC Cards are compatible with all portable computers running Windows 95, 98, or 2000** that comply with The PC Card Standard. In the unlikely event you encounter installation problems, simply contact our customer support department for assistance.

Lifetime Limited Warranty†

3Com warrants all U.S. Robotics modem PC Cards and cables to be in good working order for as long as you own them. Your warranty covers parts, labour, factory repair, and replacement. (In Germany the warranty extends for 10 years.)

Customer Support

Quick access to support information is available through the 3ComBBS (bulletin board system) and 3ComFactsSM interactive fax service.

Reach the 3ComFacts service in Canada and the U.S. by dialling 1 408 727 7021 with your touch-tone telephone and following the recorded instructions.

To reach the 3ComBBS service in the U.S., set your modem to 8 data bits, no parity, and 1 stop bit (8,N,1), then transmit with a 53,333 baud rate and U.S. telephone number 1 847 262 6000.

To reach the 3ComBBS service from outside the U.S., ask your local 3Com office or reseller for the appropriate baud rate and telephone number.

Specifications

Modem Standards

AT command set
V.90 56K standard
V.34+
ITU-T V.34
ITU-T V.32
ITU-T V.32bis
ITU-T V.23
ITU-T V.22
ITU-T V.22bis
ITU-T V.21
Bell 103
Bell 212A
x2 (a 3Com 56K* protocol)

Fax Standards

ITU-T T.30
ITU-T V.29
ITU-T V.27ter
ITU-T V.21 Channel 2
ITU-T V.17
ITU-T Group III
EIA Class 1

Protocols

Error Correction/Data Compression
ITU-T V.42
ITU-T V.42bis
MNP levels 2-5

Minimum System Requirements

A 486 notebook with 50 MHz microprocessor
Windows 95, Windows 98, or Windows 2000**
(Will not work in MS-DOS shell or non-microsoft operating system)
8 MB of RAM

Operating Modes

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

Dialling Capabilities

Tone and rotary pulse

Asynchronous Data Rates

Transmission rate fall-back through 300bps

Ringer Equivalence

0.5B

Receive Sensitivity

-45 dBm

Asynchronous Character Format

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

Pulse Dialling Rate

10 pulses per second
Pulse dialling duty cycle country dependent, 39/61% (U.S.)

Tones Detected

Dial, busy, ringback, and modem answer tones

Blind dialling based on time-out periods is available for incompatible tones

Line requirements

Public switched telephone network
V.90/x2: one D/A conversion

Compatible Public Network Jacks

RJ-11W, RJ-41S, RJ-11C

Operating Temperature

32 to 155°F (0 to 70°C)

Warranty

Lifetime limited warranty†
(10 years in Germany)

Ordering Information

U.S. Robotics 56K* Modem PC Card

With XJACK connector

Single PC Card for use in:

Asia Pacific (no adapters)	3CP983056
Australia, New Zealand	3CP043056
Austria	3CP083056
Belgium, Netherlands	3CP073056
Canada	3CP323056
China	3CP713056
Denmark	3CP193056
Eastern Europe	3CP573056
Finland, Norway	3CP173056
France	3CP063056
Germany	3CP023056
Italy	3CP133056
Iberia	3CP223056
Japan	3CP053056
Korea	3CP333056
Latin America	3CP213056
Russia	3CP413056
Sweden	3CP103056
Switzerland	3CP113056
U.K.	3CP013056
U.S.	3CP003056

Pan-European version (no adapters)

With cable connector

Single PC Card for use in:

Asia Pacific (no adapters)	3CP983057
Pan-European version (no adapters)	3CP993057
U.S.	3CP003057

† See *User Guide* for details

* Capable of receiving downloads at up to 56 Kbps and sending at up to 31.2 Kbps. Actual download speeds you experience may be lower due to varying line conditions. Requires compatible analogue phone line and server equipment. See www.3com.com/56k for details.

** When released, this product was compatible with Windows 2000 Beta 3. For updated information on Windows 2000 compatibility, visit www.3com.com.

To learn more about 3Com products and services, visit our World Wide Web site at www.3com.com. 3Com Corporation is publicly traded on Nasdaq under the symbol COMS.

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