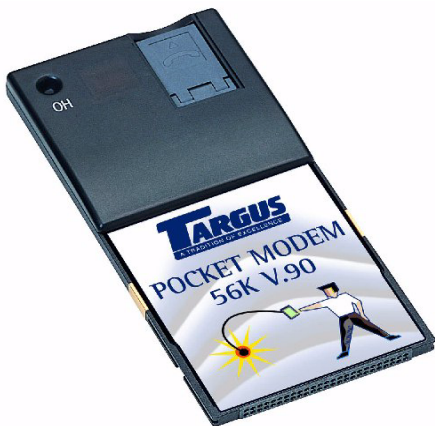


Pocket Modem Card 56K V.90

Windows CE Powered Mobile Computer
Pocket Modem Card



TARGUS
A TRADITION OF EXCELLENCE

User's Guide

INTRODUCTION

Congratulations on your purchase of the Targus Pocket Modem Card, the world's smallest V.90 56Kbps modem for Windows CE-based Pocket PCs and Handheld PCs.

The modem card is a CompactFlash CF+ plug-in module that allows you to reply to email, gather daily news, and browse the web using standard telephone lines.

Package Contents:

In addition to this user's guide, the package contains:

- Pocket modem card
- RJ-11 cable


System Requirements

- Operating System: Windows CE 2.11, 3.0, and Pocket PC
- At least one CompactFlash I/O (CF) slot

FEATURES

- World's smallest CompactFlash 56K Modem
- Supports Windows CE and Pocket PC
- Fast transfer rate: 56.6 Kbps data/14.4 Kbps fax
- V.90 & K56 Flex Dual-mode technology
- Hot swap capability

POCKET PC INSTALLATION

1. Insert the modem card into the CF slot.
The Pocket PC automatically detects the card.
2. Tap **Start**, then **Settings**.
3. At the bottom of the Settings window, tap the **Connections** tab.
4. On the **Connections** screen, tap the **Modem** icon ().
The Modem Connections screen appears.
5. Tap **New Connection...**
The Make New Connection screen appears.
6. In the top box, enter a name for your new connection, such as "Pocket Modem."
7. In the Select a modem box, select **Targus CF PocketModem 56K**.
8. In the Baud Rate box, type **57600**.
9. Tap **Next**.
10. Enter the phone number you want to connect to, then tap **Next**.

WINDOWS CE INSTALLATION

1. Insert the modem card into the Windows CE-based mobile computer.
The device automatically detects the card.
2. Select **My Handheld PC, Control Panel, System**, then **Device** to check that Slot1 (or Slot2) has the CF 56K modem installed.
3. To set up a connection to the Internet, select **Start, Program, Communications, Remote Networking, Make New Connection**.
4. Select **Dial-up connection** and follow the instructions on the screen to set up the connection.

MAKING A DATA CALL

After installing the modem, you are ready to make a data call.

Preliminary Checkpoints

- Make sure the RJ-11 cable is securely connected to a telephone wall jack.
- Make sure the modem card is inserted in the CF slot.
- You must have remote access to either your office network or an ISP (Internet Service Provider) account.

Placing the Call

1. Do one of the following:
 - On a Pocket PC, tap **Start, Programs, Connections**. Tap the icon with the name you entered in the Make New Connection screen, during installation.
The Connect To window appears.
 - On a palm-sized PC, tap **Start, Programs, Communications**. Tap on the name you assigned to the new connection during installation.
The Dial-up Connection window appears.
 - On a hand-held PC, tap **Start, Programs, Communications, Remote Networking**. Double-tap the icon with the name you assigned to the new connection during installation.
The Dial-up Connection window appears.
2. Enter your **User name and Password**.

NOTE: Checking the Save password box saves your password for use in future calls.

3. Tap Connect.


For Pocket PCs, a status screen reports that the call has connected. For Windows CE-based mobile computer, the Connection Status icon appears in the system tray.

You are now ready to use your email, fax, web-browsing and file synchronization applications.

Ending a Data Call

When you are ready to end your data call:

1. Do one of the following:

- On a Pocket PC, go to Windows , then Today, and tap the Connection icon in the task tray.
- On a Windows CE-based mobile computer, double-tap the Connection Status icon in the system tray.

A status window appears.

2. Tap Disconnect to end the connection.

The Connection Status icon disappears from the tray.

TROUBLESHOOTING GUIDE

This section describes common problems in the installation, configuration and regular usage of your Fax/Data Modem.

Follow the procedures in the following sections to resolve these common problems:

After inserting the card into the Windows CE-based mobile computer, you don't get a response on the screen

1. Select My Handheld PC, Control Panel, System, then Device to check that Slot1 (or Slot2) has the Targus Pocket Modem installed.
2. If your unit cannot locate the Pocket Modem:

- Verify that the card is securely inserted into the slot. If necessary, remove the card and reinsert it.
- Check whether there are any other interface cards in your computer that use the same COM port address as your modem. If so, you must set your modem to another COM port address.

NOTE: On most systems, only two COM ports are available. One of them must be used as either 1 or 3, while the other must be used as 2 or 4. For example, if a mouse is set to COM 1, your modem should be set to COM 2 or COM 4.

If the COM port address is OK, continue with the next step.

3. Make sure that the COM port address you use for your modem corresponds to the port selected in the communications software that you are using.

Your modem does not dial out

Make sure that your modem responds normally. If you can communicate with the modem using a keyboard, check whether or not the modem is properly connected to the phone line.

Your modem does not connect after it has dialed a phone number

This problem may have several causes. One possibility is that your Internet Service Provider is too busy; please wait a few moments and redial. Other possibilities are that the phone line is too noisy or the telephone cord is faulty. Test for noise by connecting a regular phone to the line.

You cannot transmit after you have connected to the Internet

Check the service parameters and TCP/IP protocol parameters specified by your Internet Service Provider. Use the same parameters to configure your modem connection.

The modem disconnects due to transmission errors

A failure in modem communication is usually characterized by unacceptably high error rates. This may be caused by the telephone line. If the error rate gets too high, the modem disconnects and you need to redial and set up the connection again.

You receive the error message: “No Carrier Detected”

Using a regular phone, check that the phone line is active (you have dial tone) then reconnect the modem to the wall jack.

Check the Dialing Options. By default the modem is set to dial 9 for an outside line. If you don't dial 9 to make a voice call, click **Start**, then point to **Programs**, point to **Dialing Options**, and select **Dialing Patterns**. In each box, remove the 9.

SPECIFICATIONS

Dimensions:

- CF Card Size: 3.5" (L) x 1.7" (W) x 0.25" (highest point)
(88 mm x 42.8 mm x 6.3 mm)

Interface Standards:

- CompactFlash: CompactFlash I/O (CF) card slot, Type I
- Connector: Built in RJ-11

Operating System Support:

- Windows CE version 2.11, 3.0, and Pocket PC

Data Modulation:

- ITU V.90 & 56 Flex technology
- ITU V.80 video conference
- 33.6 Kbps/31.2 Kbps/V.32/V.23/V.22A A&B/V.21
- Bell 212A and 103
- V.42 LAMP, MNP 2-4, and MNP 10 error correction
- V.42bis and MNP 5 data compression

Fax Modulation:

- ITU-T V.17/V.29 to 14.4 Kbps
- EIA-578 class I & II

Power Consumption:

- Operating Voltage: 3.3v - 5.0v +/- 5% - dual voltage
- Active (Typical): 0.2W

Environmental Conditions

Operating

- Temperature 32° ~ 131° Fahrenheit
0° ~ 55° Celsius
- Humidity 10 ~ 90%

Storage

- Temperature - 4° ~ 149° Fahrenheit
- 20° ~ 65° Celsius
- Humidity 10 ~ 90%

Certifications:

- EMI/EMC Certification: FCC part 15 class B, CE
- Telecom approvals: FCC part 68, CTR21

TECHNICAL SUPPORT

In the unlikely event that you encounter problems with your Targus CF Pocket Modem 56K, please use our Web site to contact our support group through email. Or, call Technical Support. Our knowledgeable staff is available to answer your technical questions Monday through Friday, 8:00 A.M. until 8:00 P.M. Eastern time.

Telephone: 800-283-6325 (Toll Free)

Email: TechSupport@targus.com

Web site: www.targus.com

WARRANTY

Targus warrants this product to be free from defects in materials and workmanship for five years. If your Targus accessory is found to be defective within that time, Targus will repair or replace it. This warranty does not cover damage from everyday wear and tear, or from transportation by a common carrier.

Under no conditions is Targus liable for loss of, or damage to, a computer; nor loss of, or damage to, programs, records, or data; nor any consequential or incidental damages, even if Targus has been informed of the possibility.

Warranty registration at: http://www.targus.com/product_registration.asp



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