Targus Low Power Ethernet Card™

Mobile Computer
Low Power Ethernet Card™

Installation Guide
INTRODUCTION

This installation guide describes how to install the software required to use the Targus Low Power Ethernet Card (LP-E card) in a mobile computer and how to set up a network connection.

You can install the LP-E card in these mobile computers:
- Windows Powered Pocket PCs
- Windows CE-based devices, v2.11 or greater

For information about using your LP-E card to connect to a network and synchronize data with a host PC, refer to the Low Power Ethernet Card™ User’s Guide. This guide is available in PDF format on the Low Power Ethernet Card Installation CD and on the Web at www.targus.com.

POCKET PC SETUP

Overview
This chapter describes how to install the LP-E card software and set up a network connection for use with a Pocket PC.

HINT: Before installing the LP-E card, consult your network administrator and back up all important data.

Software Installation
This procedure applies only to Pocket PCs.

To install software for Windows CE-Based Palm-size PCs, Handheld PC Pros, or pen tablets, refer to Windows CE Setup, “Software Installation.”
NOTE: Begin these steps BEFORE inserting the LP-E card.

1. Connect your Pocket PC to a host PC using the synchronizing cradle and cable that came with your Pocket PC.

2. Insert the Low Power Ethernet Card Installation CD into the host PC.

   WARNING: The host PC must already be actively connected to your Pocket PC and have an established partnership.

3. Click Start/Run on the host PC, then type D:\SETUP (Use the drive letter of your CD-ROM drive in the place of D:). Follow the instructions on the host PC.

   NOTE: If your Pocket PC prompts you to confirm file replacing, tap “Yes to All” to continue.

   When complete, your Pocket PC displays the message “Application Downloading Complete.”

4. Click OK, then reset your Pocket PC to load the new software.

   Your Pocket PC then displays the Setup Complete screen.

5. Click OK.

6. Remove your Pocket PC from it’s cradle.

7. Connect the LP-E card into an active Ethernet connection.

   HINT: The host PC must be connected and currently logged into the same network as your Pocket PC.

8. Insert the LP-E card into your Pocket PC’s CompactFlash card slot.

   NOTE: For instructions on how to insert the LP-E card into your Pocket PC, refer to the Low Power Ethernet Card User’s Guide, Chapter 3: Hardware Setup - Connecting the LP-E card to Your Computer.
After approximately 10 seconds, your Pocket PC displays the following message:

```
9 Tap OK.
```

The IP Address screen displays.

Use this screen to configure your network settings. To enter the settings now, proceed to “Configure Network Settings,” step 5.

To enter the network settings at any time, refer to “Configure Network Settings,” step 1.

**Configure Network Settings**

You can change the network configuration at any time using the IP address screen on your Pocket PC.

*NOTE: Before configuring network settings, be sure the LP-E card is connected to an active Ethernet connection and inserted into your Pocket PC.*

1. Tap **Start**, then **Settings**.
2. Tap the bottom **Connections** tab.
3. Tap the **Network** icon.
4. Select the **Targus LP-E Driver** on the Network Connections screen.
CAUTION: To avoid conflicts with other devices on the network, consult your network administrator for the proper settings.

The IP Address screen appears.

1. Ask your network administrator if you can use a server-assigned IP address or DHCP (Dynamic Host Configuration Protocol).

   DEFINITION: Dynamic Host Configuration Protocol - the protocol that enables a network to automatically assign a temporary IP address to a host when it connects to the network.

   If not, you must use a specific IP address by entering the IP Address, Subnet mask, and Default gateway.
NOTE: If you use a specific (also called “static”) IP address instead of DHCP, you may need to enter the IP address of the host computer in the Primary WINS field (step 6) to use ActiveSync.

6 Tap the **Name Servers** tab and enter DNS and WINS addresses, if needed.

7 Tap **OK**.

8 Remove the LP-E card from your Pocket PC.

9 Reinsert the LP-E card into your Pocket PC and plug the LP-E card cable into the network.

**CAUTION:** The new IP settings will not take effect until you reinsert the card. Resetting or power cycling your Pocket PC will not make it accept the new IP settings.

The ActiveSync screen appears.

10 Tap the **Connect**... button.

Your Pocket PC begins the synchronizing process.

When synchronizing is complete, the Connection Status screen appears.
NOTE: By default, ActiveSync starts whenever you insert the LP-E card. If you do not want to run ActiveSync automatically, or if you want to run another program whenever you insert the LP-E card, use Targus’ control panel applet. The applet also lets you control other unique features of Targus’ Ethernet software.

For more detailed information, refer to the Low Power Ethernet Card™ User’s Guide, Appendix B: The LP-E Applet.

Connecting your mobile computer to an office network may require information from your network administrator. If you get the message that no IP address has been set, please contact your network administrator.
Overview
This chapter describes how to install the LP-E card software and set up a network connection for use with a mobile computer running Windows CE v2.11 or greater.

HINT: Before installing the LP-E card, consult your network administrator and back up all important data.

Software Installation
This chapter applies only to Windows CE-based mobile computers. To install software for a Pocket PC, refer to Pocket PC Setup, “Software Installation.”

HINT: Some mobile computers support a touch pad and not a pen, so whenever these instructions say tap, substitute click, as needed.

NOTE: Complete these steps for software installation BEFORE inserting the LP-E card.

1 Connect your mobile computer to a host PC using the serial cable that came with the device.

2 Insert the Low Power Ethernet Card Installation CD into the host PC.

WARNING: The host PC must already be actively connected to your Pocket PC and have an established partnership.

3 Click Start/Run on the host PC, then type D:\SETUP (Use the drive letter of your CD-ROM drive in the place of D:). Follow the instructions on the host PC.
4. Your mobile computer displays the ActiveSync screen. You can configure ActiveSync to start automatically upon LP-E card insertion. Configure as desired, then tap Finish.


5. When the Setup Complete screen appears, tap OK, then reset your mobile computer to load the new software.

6. Remove the serial cable from your mobile computer, then connect the LP-E card to an active Ethernet connection.

7. Insert the LP-E card into your mobile computer.

   NOTE: For instructions on how to insert the LP-E card into your Pocket PC, refer to the Low Power Ethernet Card™ User’s Guide, Chapter 3: Hardware Setup - Connecting the LP-E card to Your Computer.

8. Targus’ Ethernet driver displays the network icon on the Windows CE status lin and launches ActiveSync automatically. Your mobile computer displays the Targus LP-E Driver screen.

   No program was launched since your IP Address is not yet configured. The next time you insert your ethernet card the program will be launched.

   NOTE: Your Windows CE screens may differ from the examples shown depending on what device type you use.

9. Tap OK.

   CAUTION: To avoid conflicts with other devices on the network, consult your network administrator for the proper settings.
The IP Address screen appears.

10 Ask your network administrator if you can use a server-assigned IP address or DHCP (Dynamic Host Configuration Protocol).

**DEFINITION:** Dynamic Host Configuration Protocol - the protocol that enables a network to automatically assign a temporary IP address to a host when it connects to the network.

If not, you must use a specific IP address by entering the **IP Address**, **Subnet mask**, and **Default gateway**.

**NOTE:** If you use a specific (also called “static”) IP address instead of DHCP, you may need to enter the IP address of the host computer in the Primary WINS field (step 11) to use ActiveSync.

11 Tap the **Name Servers** tab and enter DNS and WINS addresses, if needed.

12 Tap **OK**.

13 Remove the LP-E card from your mobile computer.
14 Reinsert the LP-E card into your mobile computer and plug the LP-E card cable into the network.

CAUTION: The new IP settings will not take effect until your reinsert the card. Resetting or power cycling your mobile computer will not make it accept the new IP settings.

The ActiveSync screen appears.

[Image: ActiveSync dialog box with options for selecting a method to connect and choosing a host PC.]

15 Select **Network Connection** (usually at the bottom of the list) and the name of the host PC.

16 Tap **Connect...** button.

Your mobile computer begins synchronization to the host PC already on the network.

**NOTE:** By default, ActiveSync starts whenever you insert the LP-E card. If you do not want to run ActiveSync automatically, or if you want to run another program whenever you insert the LP-E card, use Targus' control panel applet. The applet also lets you control other unique features of Targus' Ethernet software.

*For more detailed information, refer to the Low Power Ethernet Card User's Guide, Appendix B: The LP-E Applet.*

Connecting your mobile computer to an office network may require information from your network administrator. If you get the message that no IP address has been set, please contact your network administrator.
Copyright Notice

Copyright © 2000 Targus Group International, Inc. All rights reserved.

Targus and the Targus logo are registered trademarks of Targus Group International.

Battery Friendly is a trademark of Socket Communications, Inc. All other brand and product names are trademarks of their respective holders.

Reproduction of the contents of this manual without the permission of Targus is expressly prohibited.

Please be aware that the products described in this manual may change without notice.

Regulatory Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. This equipment is also CE EN55022 and C-TICK compliant. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his or her own expense.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user may try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna of the radio or television.
Increase the distance separating the equipment and the receiver.
Connect the equipment to an outlet on a different branch circuit than that of the receiver.
Consult the dealer or an experienced radio/TV technician for help.

The user may find the following booklet helpful:

*How to Identify and Resolve Radio-TV Interference Problems*
Warranty

Targus warrants this product to be free from defects in materials and workmanship for its lifetime. If your Targus Low Power Ethernet Card is found to be defective within that time, we will promptly repair or replace it. This warranty does not cover accidental damage, wear and tear, or consequential or incidental loss. Under no conditions is Targus liable for loss or damage to a computer or handheld device, nor loss of, or damage to, programs, records, or data; nor any consequential or incidental damages, even if Targus has been informed of their possibility. This warranty does not affect your statutory right.

Register your Targus Low Power Ethernet Card online at:

Technical Support

If you encounter a problem with your Targus accessory, contact our technical support team at:

Email: techsupport@targus.com
Internet: www.targus.com/support

Our knowledgeable staff is also available at the following number, Monday through Friday, 8 A.M. (08:00) to 8 P.M. (20:00) Eastern time.

US & Canada: 800-283-6325

Software Updates

For the latest software drivers for the Low Power Ethernet Card, please visit the Targus web site at: www.targus.com.