
Quick Start Guide

OMNIBOOK



Quick Start Guide

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In These Books

The OmniBook comes with these manuals:

- ▶ *Quick Start Guide* (this book). Introduces the OmniBook and gives brief introductions to many of its capabilities.
- ▶ *Operating Guide*. Shows you how to operate and maintain the OmniBook, including information about using LapLink Remote Access to use PC drives, files, and printers from your OmniBook, about adjusting your OmniBook setup, and about resolving problems you may encounter with your OmniBook.
- ▶ *Personal Information Guide*. Shows you how to use Appointment Book to track appointments, to-do lists, and upcoming events, how to use Phone Book to find addresses, phone numbers, and other information, and how to use HP Calculator to make arithmetic and financial calculations.
- ▶ *Microsoft Windows for Workgroups* and *Microsoft MS-DOS*. (These manuals may be in one volume.) Describe Windows for Workgroups and MS-DOS, including using Windows utility applications, managing memory and disk space, and resolving problems you may encounter with Windows and MS-DOS.

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————— Start Here

Start Here

Congratulations! Your OmniBook sets a new standard in personal computing. Although it's small and light in weight, the OmniBook is equipped with a full-size keyboard and its own built-in mouse that nestles conveniently out of sight for travel.

The OmniBook includes standard Microsoft Windows for Workgroups 3.11 and MS-DOS 6.2, plus LapLink Remote Access and other special OmniBook software—all loaded and ready to go. What's more, your OmniBook has been specifically designed for ease of use on the road. It features “instant-on” power that immediately restores your last screen, and special function keys for instant switching between applications. Built-in “Plug and Play” capabilities make the OmniBook ready for planned innovations in the PC industry. And the OmniBook is infused with the quality and attention to detail that are the hallmark of Hewlett-Packard.

Read This Chapter!

This OmniBook *Quick Start Guide* shows how to get your OmniBook up and running quickly. And it shows how to make master backup disks for all the files already installed on the built-in disk—just in case you need to restore any of them in the future.

You probably won't have to read this entire book, especially if you're familiar with personal computers, or if you've already worked with Microsoft Windows. Still, your OmniBook is designed as a light-weight, mobile computer—so it has a few useful features that you don't normally find on a desktop PC. So whatever else you do, *at least read these first two chapters.*

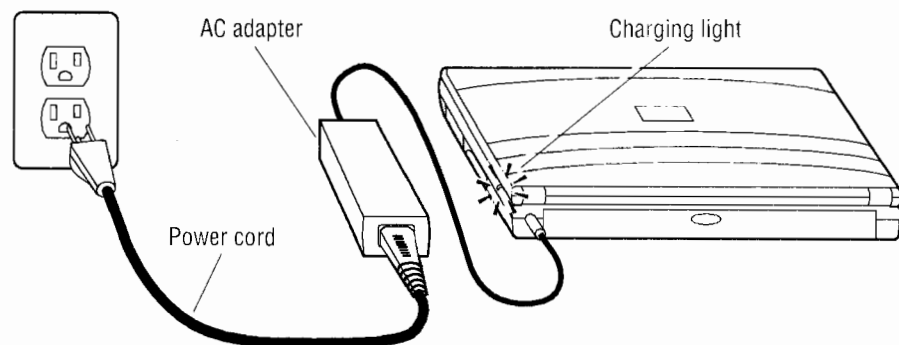
Getting Started

To start working with your OmniBook the first time, you have to make the following preparations—they're described in detail on the following pages:

1. Connect the ac adapter. (The battery isn't charged yet.)
2. Press the reset button on the bottom. (You should only have to do this the first time you start the OmniBook.)
3. Install the battery.
4. Open your OmniBook.
5. Turn on the OmniBook.
6. Adjust the display.
7. Pop out and calibrate the mouse.
8. Plug in the floppy drive.
9. Make your *Companion* disk.
10. Buy or make master backup disks for your OmniBook.
11. Begin working!

1. Connect the ac adapter

1. Plug the power cord into the ac adapter, then into a grounded ac outlet.
2. Plug the connector from the ac adapter into the socket at the right-rear corner of the OmniBook.

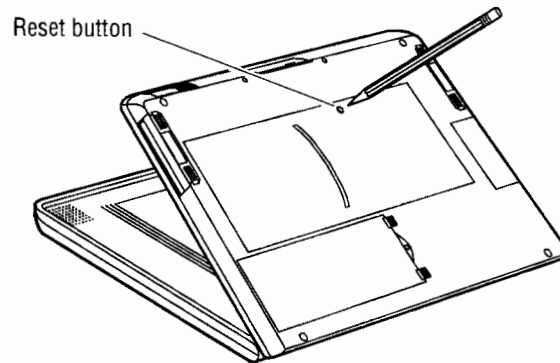


CAUTION

Use only an HP F1044B ac adapter (the type shipped with the OmniBook)—*do not use an ac adapter from another product*. Using any other adapter could damage the OmniBook and void your warranty.

2. Reset the OmniBook

- Press the reset button.
Insert a pen or pencil tip or other slender object into the small opening in the bottom of the computer. Press the red button momentarily.

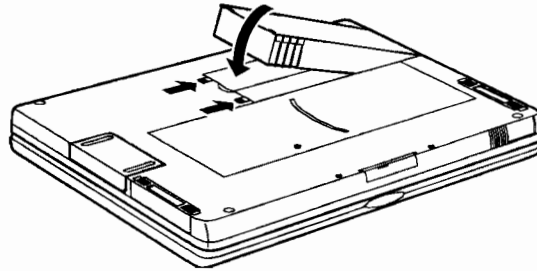


Pressing the reset button is similar to turning off a PC's power, then turning it back on again. After this first time, you should seldom have to press the reset button. (For example, you may need to reset if the battery becomes completely exhausted.)

If you have an OmniBook floppy drive attached when you reset the OmniBook, make sure there's no disk in the drive. As on a PC, if there's a disk present, the OmniBook won't look on the built-in disk for its startup files, so it may not restart successfully.

3. Install the battery pack

1. Make sure the ac adapter is still attached and plugged in.
2. Lay the battery pack into the battery compartment. The metal battery contacts on the pack mate with contacts in the compartment.
3. Close the two latches.

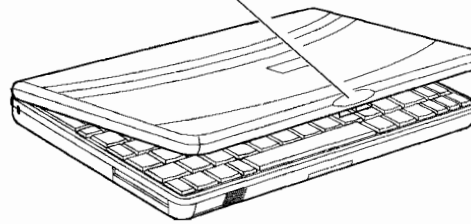


The battery pack contains rechargeable batteries. The first time you use your OmniBook, you should charge the battery for 1 or 2 hours before operating solely on battery power. However, you can operate immediately with the ac adapter plugged in.

4. Open your OmniBook

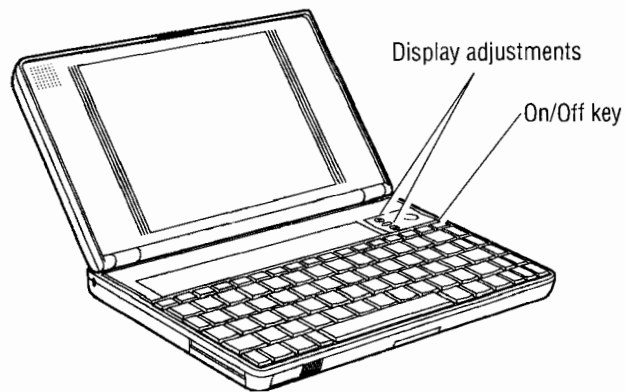
- Press the latch and lift the lid away from the keyboard.

Press latch, lift up lid to open



5. Turn on your OmniBook

- If your OmniBook isn't already turned on, press the blue **On/Off** key located at the upper right-hand corner of the keyboard.



The **(On/Off)** key also turns the OmniBook off. And here's an important point: *when you turn the OmniBook off, it remembers what it was doing*. So when you turn it on again, the OmniBook comes back exactly where you left it! You don't have to worry about losing information when you turn off the power.

6. Adjust the display



- Press either of the two \wedge and \vee buttons above the keyboard.
- On models with two adjustment symbols, hold down the **(Fn)** key and press the same two buttons for additional adjustment.

Keep in mind that a brighter display gives a somewhat shorter battery operating time—because the internal light is using more power. This may affect the operating time by as much as 1 or 2 hours.

Use these buttons to make the display dimmer or brighter. Press and hold a button for fast changes, or press several times for greater control. You also can adjust the angle of the display for best visibility under the current light conditions.

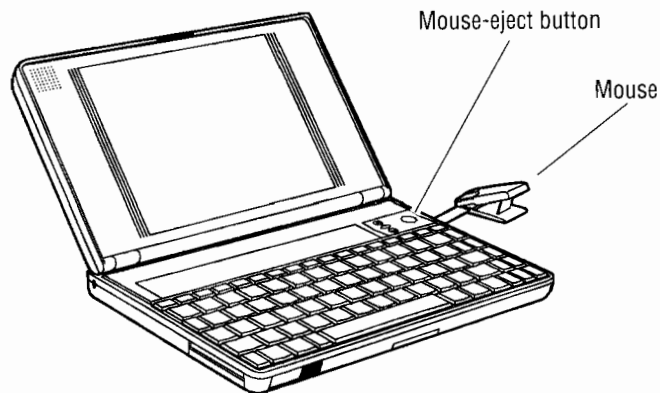
Note

Whenever you turn on your OmniBook, the display usually takes at least 1 minute to reach its normal brightness. You can't adjust the brightness during this period.



7. Pop out the mouse

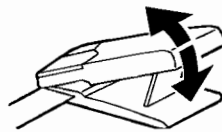
1. Press the round mouse-eject button in the upper-right corner of the keyboard.
2. Pull the mouse out past the first resistance to its full extended position—about 3 inches (8 centimeters).
3. Raise the mouse top and calibrate the range—see the information that follows.



The mouse is actually quite sturdy. Its flexibility allows it to withstand bending and accidental bumps without breaking.

To raise the mouse top

- Lift the end of the mouse nearest you for a more comfortable shape.

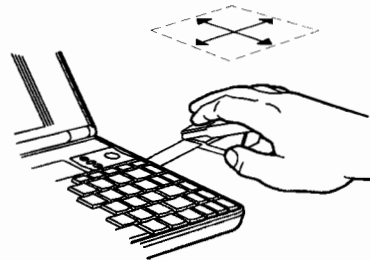


To calibrate the mouse

- Extend the mouse as far as it will go across its working range, both side-to-side and top-to-bottom.

Don't worry about where the pointer is at first—just extend the mouse to the end of its “imaginary mouse pad” in all four directions.

Usually, when you turn on the OmniBook, you'll need to calibrate the mouse range. It takes only a second or two, and after you've calibrated the mouse, the pointer easily reaches all edges of the screen.



To calibrate, move the mouse as far as it will go — side-to-side and top-to-bottom.

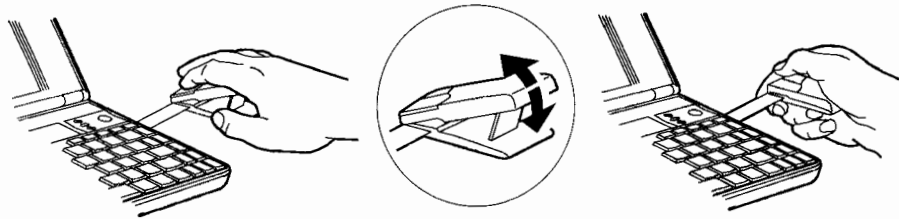
Hint

If you discover that the pointer doesn't reach the edge of the screen, do the calibration again. It's usually needed when you pop out the mouse or turn on the OmniBook.

Using the Mouse

You use the OmniBook's two-button mouse just as you do the mouse on your desktop PC: Move the pointer to the icon or menu you want, and click with the left mouse button for most operations. Or *double-click*—click twice rather quickly with the left mouse button—for certain operations. However, the mouse doesn't need a surface to slide on—so you can use it anywhere.

Once you've popped it out, you can use the mouse in either a raised position or a collapsed one. The raised position is usually more comfortable, especially if you drape your hand over it as shown. But the collapsed position may be better if you're in a cramped environment, or you have to work with the OmniBook on your lap.

**To collapse the mouse**

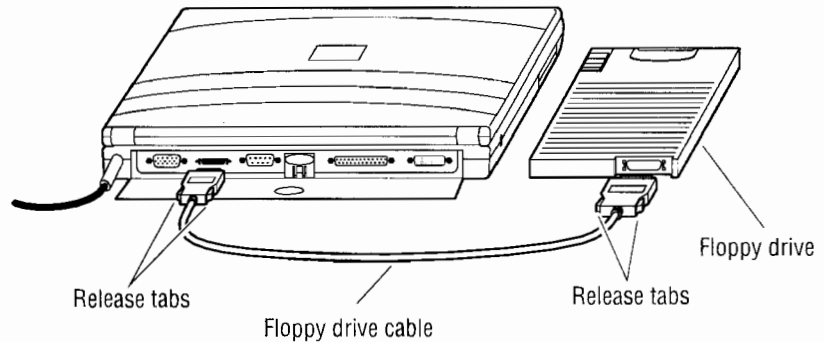
- Press inward on the support arm and press the raised end of the mouse downward to collapse it.
-or-
Tap down sharply on the raised end of the mouse.

To store the mouse

1. If the mouse is raised, collapse it.
2. Gently push the mouse into the case opening until it latches.

8. Plug in the floppy drive

1. Find the floppy-drive cable included with the floppy drive.
2. On the larger plug, pinch the two tabs—then plug it into the back of the floppy drive.
3. Pinch the tabs on the smaller plug, then plug it into the floppy-drive port at the back of the OmniBook.

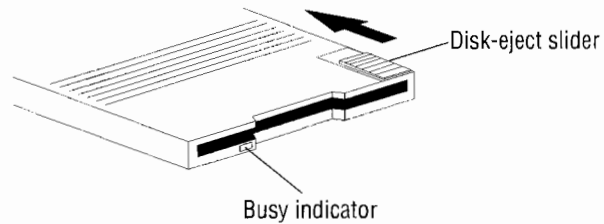


Hint

Plug in the OmniBook ac adapter while you're using the floppy drive. This prevents the battery from running down.

The plug-in floppy drive accepts 3.5-inch disks (1.44 MB and 720 KB).

To eject a disk from the drive, push back on the eject slider.



To unplug the cable, pinch the two tabs on the plug.

If you want to use an earlier F1059A floppy drive instead of the standard F1059B drive, all you need is the new cable (HP part number F1059-60903).

9. Make your Companion disk

The *Companion* disk is an emergency boot disk for your OmniBook. It also contains OmniBook software you can install on a desktop PC, as described in chapter 2. It's a good idea to make this disk now—before you might actually need it.

1. Make sure the floppy drive is plugged in—see the previous topic.
2. Insert a blank 1.44-MB floppy disk in the floppy drive. (The following steps will erase all data stored on the disk.)
3. Close any open applications.
4. Exit Program Manager (and Windows)—you can press **(Alt)+(F4)** in Program Manager to do this.
5. At the MS-DOS prompt, type

`obdisk` **(Enter)**

You need to format only one disk.

6. When the process finishes, remove the floppy disk and label it “*Companion* Disk.”

10. Buy or make master backup disks

Before you install any new applications or make changes to your preloaded software, it makes sense to purchase or create a set of master backup disks for your OmniBook. Then, if necessary in the future, you can restore files that might accidentally become damaged.

You can purchase a set of backup disks—see the order form included with your OmniBook. *This is the most convenient option.*

If you want to create the master backup disks yourself, you have two options:

- If you own standard installation disks for both MS-DOS 6.2 and Microsoft Windows for Workgroups 3.11, you can make backup disks for only the special OmniBook files. (You'll need about two or three 1.44-MB floppy disks.)
- If you do not own these installation disks, you should make backup disks for *all* files. (You'll need about 16 to 20 1.44-MB floppy disks.)

To make the backup disks, use the steps below. *This process may take a half hour or more.*

1. Gather the required number of floppy disks. Use preformatted disks if they're available—this will save time. Or you can format disks on a PC while you're starting the backup.
2. Make sure the ac adapter is plugged in. This prevents the battery from being run down and prevents the OmniBook from turning itself off during the remaining steps.
3. If Windows is running, close any open applications, then exit Program Manager (and Windows)—you can press **(Alt)+(F4)** in Program Manager to do this.
4. If you haven't already set the date on your OmniBook, do it now—the backup program requires a valid date. To set the date, type

date **(Enter)**

then, when prompted, type the current date.

5. If the floppy disks are not formatted, format them—insert a disk and type
format a: **(Enter)**
6. After all the disks are formatted, insert a formatted disk in the floppy drive.
7. Type one of the following commands to start the backup:

obfull **(Enter)**

Backs up all files.

-or-

obcore **(Enter)**

Backs up only special OmniBook files.

8. When MSBACKUP starts, choose the Backup option from the main menu. (The OmniBook demo program files are not automatically backed up. If you want, you can select the files in the DEMO directory—you will also need additional floppy disks.)
9. Choose Start Backup.

Follow the directions that appear on the screen. As you remove each master disk from the floppy drive, label it with its number.

If you get a "Not ready" message, the current floppy disk may not be formatted—try another disk.

Getting Started

10. When the backup finishes, *remove the last floppy disk from the drive*, then choose Quit from the main MSBACKUP menu.
11. If you're backing up all files—not just special OmniBook files—you're prompted to insert another floppy disk for formatting. *Make sure you don't leave the last backup disk in the drive*. You need to format only one disk.

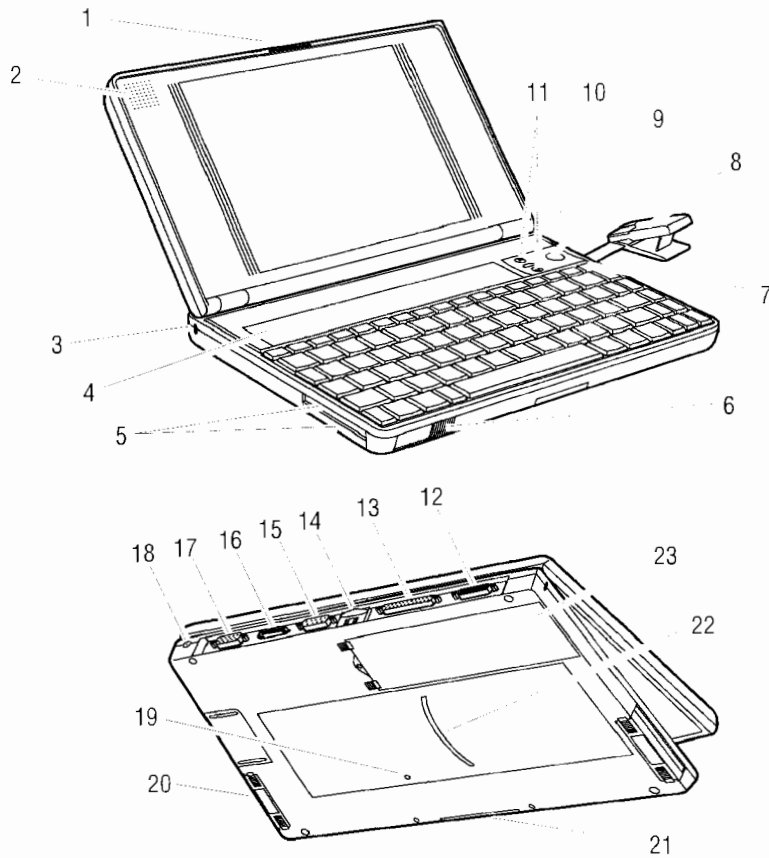
Several recovery files are automatically copied to this disk, which you should label "Recover Disk"—this disk is part of your master backup disks.

12. When the MS-DOS prompt returns, type

`win` **(Enter)**

The OmniBook at a Glance

The illustrations below point out key parts of the OmniBook. Many of these parts are discussed in this manual and in the *OmniBook Operating Guide*.

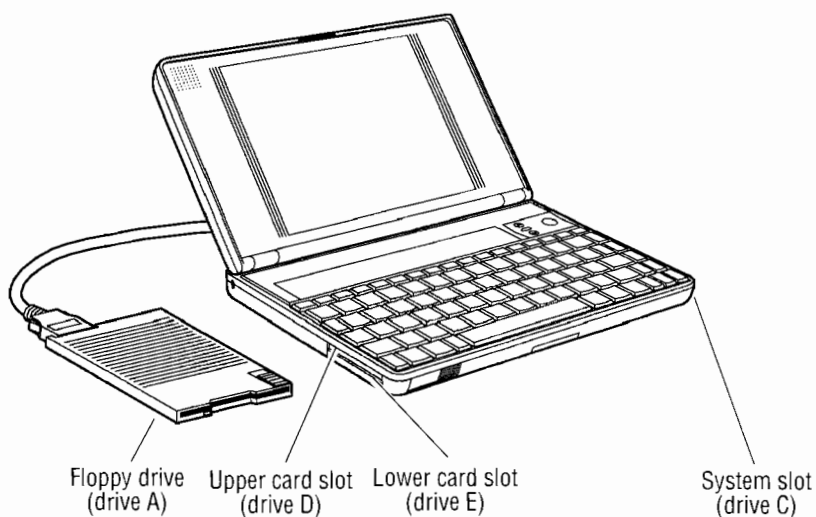


- | | | |
|-----------------------|-----------------------------|---------------------------|
| 1. Latch | 9. Mouse-eject button | 17. VGA output connector |
| 2. Speaker | 10. Charging light | 18. AC adapter socket |
| 3. Security connector | 11. Display adjustments | 19. Reset button |
| 4. Fn-key label | 12. Docking port | 20. System slot |
| 5. Card slots | 13. Parallel port connector | 21. Memory-expansion slot |
| 6. Card-eject lever | 14. Infrared port | 22. Identification pocket |
| 7. On/Off key | 15. Serial port connector | 23. Battery |
| 8. Mouse | 16. Floppy-drive port | |

Data Storage on the OmniBook

The small size and light weight of your OmniBook are made possible in part by advanced storage devices such as tiny plug-in cards and a miniaturized disk drive.

The OmniBook floppy drive contains one slot (drive A). The OmniBook has one system slot for the main disk (drive C), and two card slots (available for drives D and E).

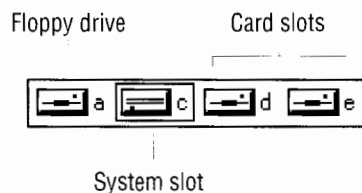


You can use the upper and lower card slots with plug-in cards much as you now use floppy disks. You can plug in a card and write data to it or read from it just as if it were a floppy disk.

You use the drive C card installed in the system slot much as you use a hard disk on a PC. The card in the system slot is seldom removed. If you do change or remove and reinsert drive C, push the OmniBook's reset button afterward.

CAUTION

Before attempting to change or remove the drive C card from the system slot, close all applications and exit Program Manager (and Windows). Then turn the OmniBook off, unplug the ac adapter, and remove the battery. If you don't follow this procedure, you could lose unsaved data or damage the card or the OmniBook.

Example: Drive Icons in File Manager

You Don't Have to Exit OmniBook Applications

A key benefit of your OmniBook is that *you don't have to exit applications* if you're still using them—even if you turn off your OmniBook. You can run several, and quickly switch among them.

If, however, an application has trouble starting or seems slow, you may need to close some documents or even exit some applications to make more memory available. If this doesn't fix the problem, close all applications and exit Program Manager (and Windows), then press **Ctrl**, **Alt**, and **Del** simultaneously to restart the OmniBook.

To turn off the OmniBook

- Press the **On/Off** key.

When you turn the OmniBook “off,” internal power to the computer isn't lost, and everything remains just as you left it. So when you press **On/Off** to switch the OmniBook on again, the last screen you had displayed pops up,

all ready for you to resume. What's more, any other applications you had running are still present, too.

A Word to the Wise

You can turn off your OmniBook without saving the files you're working on, and have everything there waiting when you come back. But it's a better idea to save all open files before turning the computer off. This is especially important if the OmniBook will be idle for a long time—after several weeks without recharging, it's possible for the battery to self-discharge to a level low enough to affect open data.

Automatic Turn-Off

Your OmniBook has several features that save battery power when the ac adapter isn't connected. The most obvious of these is automatic shutdown—when your OmniBook has been idle for 2 minutes with no ac power, it turns itself off automatically. (Other power-saving features are described in the *OmniBook Operating Guide*.)

To label your OmniBook

You can insert your business card or other identification in the pocket on the bottom of your OmniBook.

1. Use your fingernail or a paperclip to pull out the plastic tray from the pocket on the bottom of the OmniBook. Remove any card that's on the tray.
2. Place your business card on the tray—don't insert more than one card. If necessary, you can enlarge the recessed area by removing the scored area of the tray.
3. Insert the tray and card into the pocket.

To learn more about the OmniBook

- For a brief introduction to the special OmniBook features, see the remaining chapters in this OmniBook *Quick Start Guide*.
- For detailed information about the OmniBook, see the OmniBook *Operating Guide*.
- For information about Microsoft Windows for Workgroups or MS-DOS, see the *Microsoft Windows for Workgroups* and *Microsoft MS-DOS* manuals included with your OmniBook. In addition, many bookstores have books for people with different levels of experience.
- For information about using Appointment Book, Phone Book, and HP Calculator on your OmniBook, see the OmniBook *Personal Information Guide*.
- For late-breaking information available after these manuals were printed, in Program Manager double-click the OmniBook Notes icon (Main group).

Reminder

If you haven't already made master backup disks for your OmniBook, you should do this soon—or else purchase a set of disks using the order form included with your OmniBook. The master disks are a safeguard—they give you a convenient way to restore files on drive C in the unlikely event any of them become damaged. See “Buy or make master backup disks” on page 1-12.



Start Here

The OmniBook at a Glance

Starting to Use the
OmniBook

Starting to Use the OmniBook

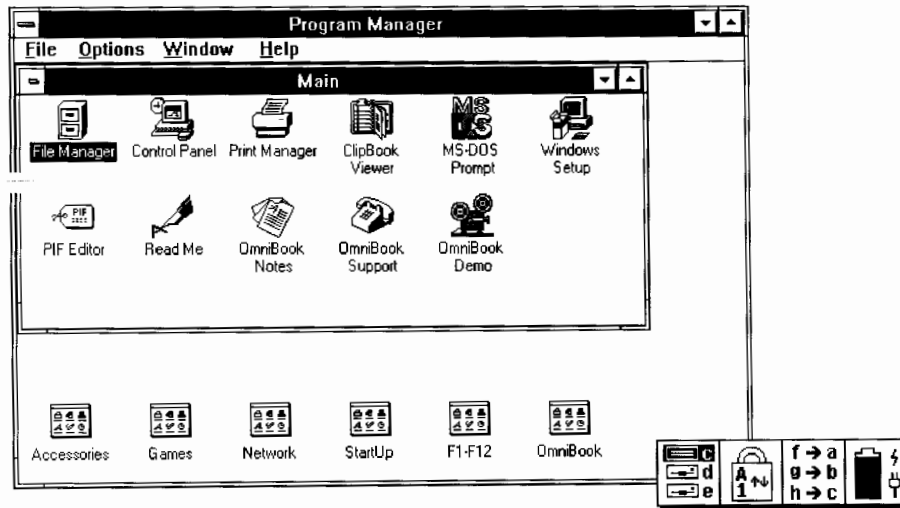
Your OmniBook is designed for convenience. You can use your OmniBook to run the applications you want—even the ones you use on your PC at your desk.

If you're like most OmniBook users, you're familiar with using Windows on a PC. So you'll probably be able to get right to work with your OmniBook.

But the OmniBook is a compact, battery-powered computer that has a few special features not found on a desktop PC. For example, the small window at the bottom of the screen—the Status Panel—gives you important information about the battery and other parts of your OmniBook.

Use Microsoft Windows, the familiar graphical interface.

Install and run the same applications you use on your PC.



See OmniBook conditions in the Status Panel.

Using Your OmniBook

Your OmniBook is a full-featured personal computer with the convenience of a calculator. What's more, it comes right out of the box with Microsoft Windows for Workgroups already loaded and ready to run. This means you can start working right away.

To learn about Windows

Microsoft Windows for Workgroups is basically Microsoft Windows with added features. These features are designed to make Windows even quicker and more convenient.

If you've worked with a conventional PC running the Windows operating system, most parts of the OmniBook screen are probably familiar. However, if you're new to Windows, you can use the following sources to learn about Windows on your OmniBook:

- Run the online Tutorial in the Program Manager window—see below.
-or-
- See the chapter about Windows basic operations in the *Microsoft Windows for Workgroups* manual.

To run the Tutorial

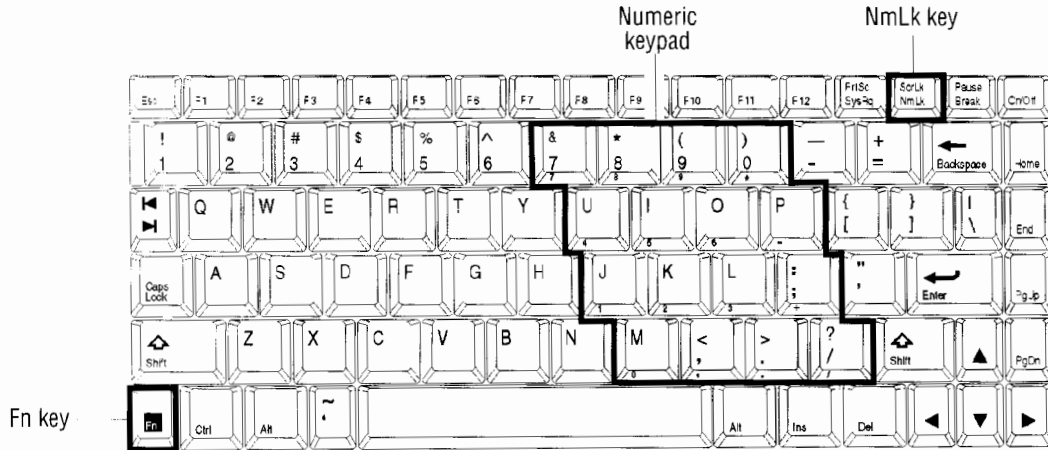
- While the Program Manager window is shown, press **[Alt]**, then **[H]**, then **[W]**.
-or-
- Move the mouse pointer to the Program Manager window and point it at the Help menu label, then press and release the left mouse button. Then move the mouse pointer down to the Windows Tutorial command and press and release the left mouse button.

To use special features of the OmniBook keyboard

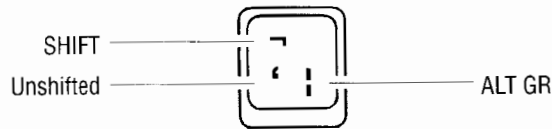
- Use the **[Fn]** (*function*) key to execute functions on the gold-colored keys—for example, **[ScrLk]** (*scroll lock*)—and to start applications assigned to the function keys **[F1]**, **[F2]**, and so on. You press *and hold* the **[Fn]** key, then you press the other key. See the next topic below.
- Press the **[NmLk]** (*number lock*) key to use the numeric keypad. With the keypad active, keys change to the designations shown on their slanted

Using Your OmniBook

faces; for instance, keys **J**, **K**, and **L** become **1**, **2**, and **3**. Other keys in this area also become number keys. Hold **Fn** if you want to type letters. (Press **NmLk** again to return these keys to their original functions, so they again type the normal alphabet.)



If your keyboard has an **Alt Gr** key to the right of the spacebar, you hold that key to type the characters printed at the bottom-right corners of keys.



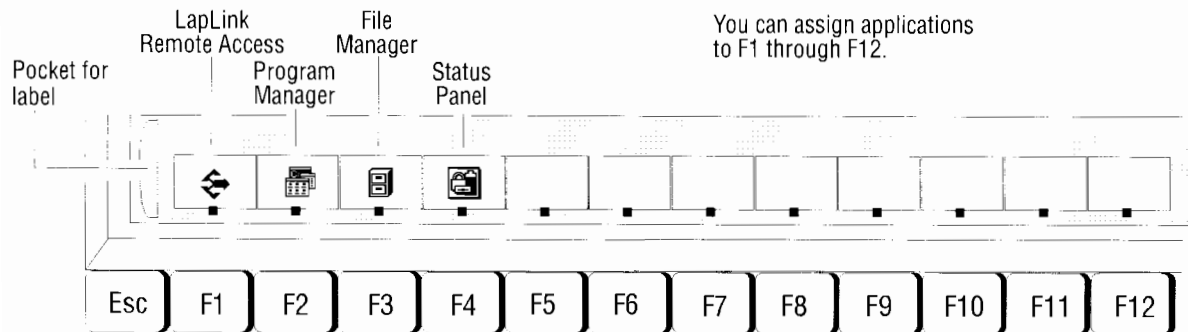
To start an application

- Press and hold **Fn**, and press the function key for the application at the same time.
-or-
Double-click the application's icon in the Program Manager window.

To double-click an icon, move the mouse until the pointer rests on the icon. Then click the left mouse button twice. You'll have to click the button rather quickly.

To use a **Fn** key

Fn is the "key" to your applications. You can easily set up a *function key* for any application present on your OmniBook—then press **Fn** together with that key to start the application from Windows. The function keys, labeled **F1** through **F12**, are on the top row of the keyboard. Their **Fn** functions are shown by small icons above the keys—and you can print and insert a new **Fn**-key label that shows other applications you set up.



You can use the **Fn**-and-function-key combination to start an application or switch to a running application at any time—even if you're working in another application.

Using Your OmniBook**To set up a **Fn** key**

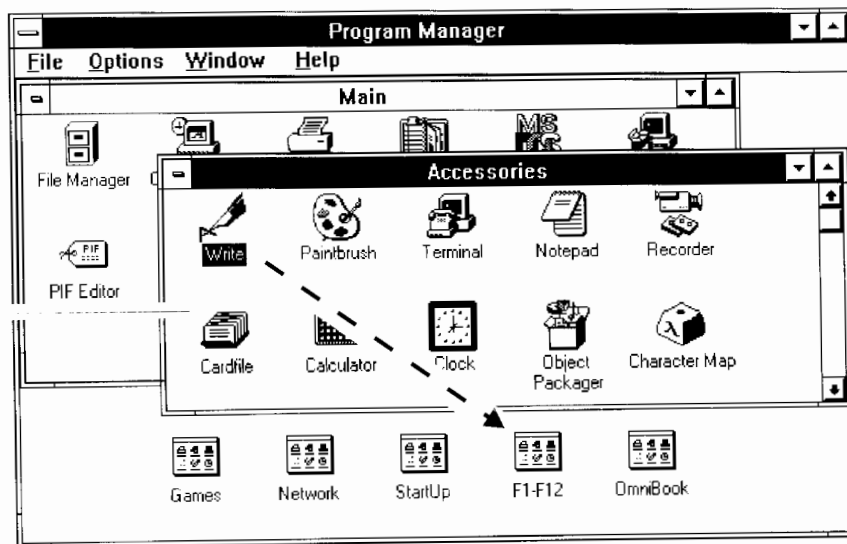
1. In the Program Manager window, arrange the groups so you can see the group containing the application icon—and the F1–F12 group icon.
2. Hold down the **Ctrl** key—then move the mouse pointer to the application icon, press and hold the left mouse button while you drag a copy of the icon onto the F1–F12 group icon, then release the mouse button and **Ctrl** key. (See the illustration below.)

This puts a copy of the icon at the end of the F1–F12 group and assigns the application to the next available function key. The icons in this group automatically define the **Fn** keys *in left-to-right order*—you can see the icons if you double-click the F1–F12 group icon.

3. Press **Alt** and **F4** at the same time to exit Program Manager (and Windows).
4. At the MS-DOS prompt, type **win** **Enter** to restart Windows and activate your new **Fn** key.

Example: Setting Up a **Fn Key**

Hold CTRL while you drag a copy of the Write icon to the F1-F12 group icon.



1. In Program Manager, hold **Ctrl** while you use the mouse to drag the Write icon from the Accessories group onto the F1-F12 group icon.
2. Exit Program Manager, then type **win Enter**.
3. To start Write, press **Fn** and **F5** at the same time (assuming only **F1** through **F4** were already assigned).

To quit any Windows application, you can press the **Alt** and **F4** keys together.

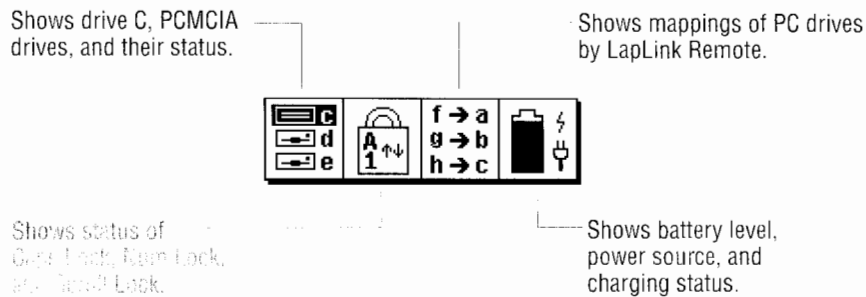
To make a new **Fn-key label**

1. This requires you to connect and set up a default printer for your OmniBook—so you may want to wait until you've done that. For instructions, see "Printer" on page 3-3.
2. Then, in the Program Manager window, open the OmniBook group and double-click the Print Fn-Label icon.
3. Choose Print. This prints a label that corresponds to the icons in the F1-F12 group.
4. After the label prints, cut it to size as marked.
5. Use your fingernail or a paperclip to pull out the plastic tray from the pocket above the keyboard. Use a small piece of tape to attach the strip to the right end of the tray. Then reinsert the tray.

To display or hide the Status Panel

The *Status Panel* contains indicators that show the current status of the OmniBook, including available PCMCIA disk drives, keyboard settings, connections to other computers, and information about battery power and charging level.

- If the Status Panel isn't visible, press **(Fn)+(F4)** once to display it.
- Press these keys again to hide the Status Panel.



To move the Status Panel, move the mouse pointer to the Status Panel—then press and hold the left mouse button while you drag the panel to another location.

To respond to low battery indications

- Immediately attach the ac adapter.
-or-
Immediately turn off the OmniBook and install a charged battery pack.
-or-
Immediately save any files you have open in any applications, then turn off the OmniBook.

When battery power is low, the OmniBook automatically shuts off, preserving your current status and all information. Before this occurs, however, you receive a low battery warning: the battery power indicator in the Status Panel shows <2:00, indicating less than 2 minutes to automatic shutdown. The warning appears even if the Status Panel isn't displayed.

By connecting the ac adapter or installing a fresh battery pack, you can continue your work uninterrupted.

CAUTION

To preserve your current work session and data, be sure to turn off the OmniBook before changing the battery pack. You don't have to close files or applications.

The ac adapter lets you operate the OmniBook from a standard ac power outlet, and it also recharges the battery pack at the same time.

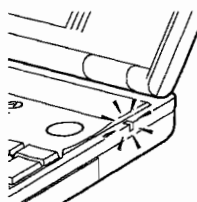
Hints

- To get the longest battery operating time, allow the battery to charge fully—until the battery symbol in the Status Panel fills to the top.
- You can partially recharge the battery pack whenever it's convenient—it doesn't suffer from the "memory" effects that may affect other types of rechargeable batteries.

OmniBook Operation and Recharging Times

Description	Typical Time	Status Panel
Operating time, from 100% charge	Up to 4 hours*	
Recharging times:		
Quick charge, 0 to 90% charge	Less than 2 hours	⚡
Trickle charge, 90 to 100% charge	4 hours	⚡

* Typical time depends on the particular OmniBook model and actual usage, and is based on a nickel-metal-hydride battery.



The charging light turns on while the ac adapter is plugged in. It shows the charging status:

- Orange:** Battery is less than 90% charged, ac adapter is connected.
- Green:** Battery is more than 90% charged, ac adapter is connected.

Using Your OmniBook

The ac adapter is normally warm to the touch whenever it's plugged into an ac outlet. The OmniBook is normally warm while it's charging, especially while it's quick charging.

CAUTION

Use only the HP F1044B ac adapter supplied with your OmniBook—*do not use an ac adapter from another product*. Using any other adapter could damage the OmniBook and void your warranty. And don't try to use the ac adapter to charge batteries on devices other than the OmniBook, either.

To reboot the OmniBook

CAUTION

Before rebooting, if possible, close all applications and exit Program Manager (and Windows). Any data or work in progress will be *lost* when you reboot the OmniBook.

1. If a floppy drive is plugged in, make sure there's no floppy disk in it.
2. Simultaneously press the **Ctrl**, **Alt**, and **Del** keys. If you're prompted, press the same keys again to reboot.

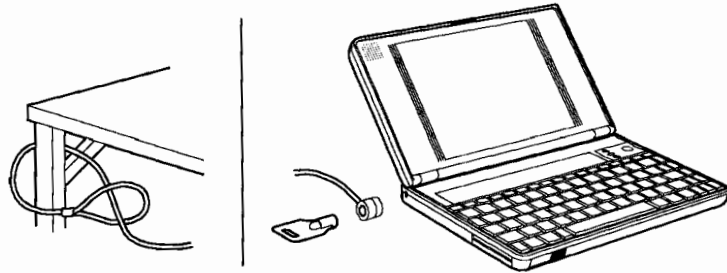
As with any PC, on rare occasions your OmniBook may "hang," or seem frozen where nothing seems to work. In this case, first give the OmniBook some time to settle down. Try pressing **Alt**+**F4** to exit the current application. If that doesn't work, try rebooting the OmniBook by simultaneously pressing the **Ctrl**, **Alt**, and **Del** keys.

If the **Ctrl**+**Alt**+**Del** combination doesn't help, use the reset button on the bottom. This is similar to turning off a PC's power, then turning it back on again. As with a PC, files you've saved to your disk drives are not affected by rebooting.

If you watch the display while the OmniBook starts up, you'll see it pause for a few seconds at a menu screen, then continue automatically with its normal startup.

To attach a security cable

1. Purchase a Kensington-brand security cable—they're available at many computer stores.
2. Loop the cable around a stationary object—make sure it can't slip off.
3. Lock the clamp into the OmniBook security connector (the small hole in the side of the case).



To learn more about the OmniBook

- For detailed information about the OmniBook and its special software, see the *OmniBook Operating Guide*.
- For information about Microsoft Windows for Workgroups or MS-DOS, see the *Microsoft Windows for Workgroups* and *Microsoft MS-DOS* manuals included with your OmniBook. In addition, many bookstores have books for people with different levels of experience.
- For late-breaking information available after these manuals were printed, in Program Manager double-click the OmniBook Notes icon (Main group).

Using Your OmniBook with Your PC

If you have a desktop PC, the OmniBook readily serves as a “companion”—a mobile extension of your desktop PC:

- You can easily use the same applications on your OmniBook that you use on your PC. For example, the OmniBook uses the familiar Windows environment, so you can use your favorite Windows applications to create and edit the same document files on your PC and on your OmniBook. In addition, you can install the Appointment Book and Phone Book applications on your PC—the same ones present on your OmniBook.
- The LapLink Remote software gives you instant access to all of the files on your PC and on your OmniBook—from either location. Even network drives and printers on your PC are available to the OmniBook. For example, while your PC and OmniBook are connected, you can sit at your OmniBook and edit files stored on the PC, or print OmniBook files on your PC’s printer.

Example: Creating Documents

At your desk, you use a word processor to write memos and prepare reports—you use a spreadsheet application to analyze your budget and plot sales data. When you’re away from your desk, you use these same applications on your OmniBook so you can remain productive.

Example: Taking Files with You

You use File Manager to copy an important spreadsheet from your PC to your OmniBook. Then, while you’re away from your desk, you enter new data and perform new analyses using the OmniBook. When you return to your desk, you use File Manager to copy the modified spreadsheet back to the PC.

Example: Sharing Files

You use a word processor on your OmniBook to take notes during visits with clients. Later, when you prepare your report using the same application on your desktop PC, you can connect to your OmniBook and directly open your note files *without copying them to your PC*.

Example: Sharing Printers

On your OmniBook, you create a list of clients you’ll visit on an upcoming trip. Before leaving, you print a copy of the list using your desktop PC’s printer, then leave the list with your secretary.

Example: Backing Up Files

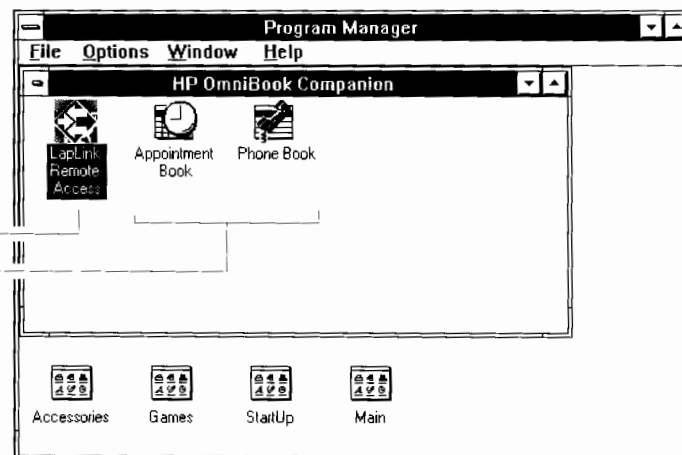
You keep important files on your OmniBook. To safeguard this information, you make backup copies of these files on your PC hard disk each week.

To install the Companion applications on your PC

The *Companion* disk you made provides your PC with the same convenient applications you use on your OmniBook:

- LapLink Remote Access—for sharing files, disk drives, and printers between your OmniBook and your PC.
- Appointment Book—for tracking appointments, to-do lists, and upcoming events, and alerting you of upcoming appointments.
- Phone Book—for finding addresses, phone numbers, and other information.

On your PC, these applications let you...
Share files, disk drives, and printers between your PC and your OmniBook.
Manage your personal information using the same applications on your PC and OmniBook.



Note

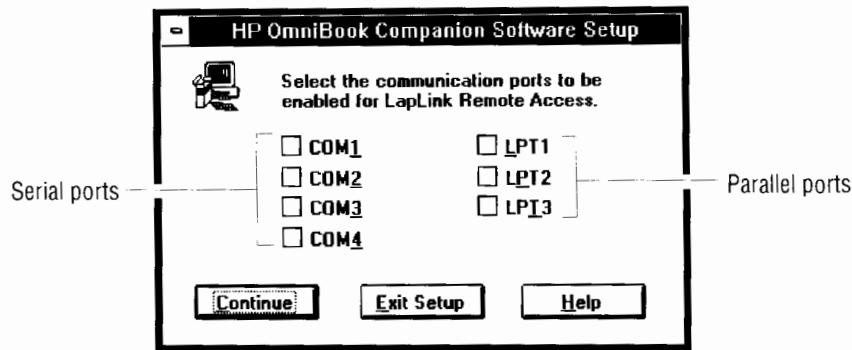
LapLink Remote normally requires a special serial cable or parallel cable—unless your PC has an infrared port or infrared interface.

- For a serial cable (HP part number F1047-60901) or 25-pin adapter kit (HP part number F1023), contact your Hewlett-Packard dealer or Sales and Service office.
 - For a serial cable or parallel cable, contact Traveling Software, 18702 North Creek Parkway, Bothell, WA 98011, U.S.A., telephone number (800) 343-8080 or (206) 483-8088.
-

Do all of the following steps *on your PC*:

1. Make sure your PC meets the following hardware and software requirements:
 - Microsoft Windows version 3.1 or later.
 - VGA monitor or better resolution.
 - At least a 386 microprocessor.
 - At least 2 MB of installed RAM memory (4 MB is preferable).
 - At least 2 MB of available space on its hard disk.
 - An available serial, parallel, or infrared port.
2. Make sure Windows is running on your PC.
3. Insert the *Companion* disk in drive A or drive B. To make this disk, see “Make your *Companion* disk” on page 1-12.
4. In Program Manager, from the File menu choose Run.
5. In the Command Line box, type **a:setup** or **b:setup** and choose OK. (During the installation, the SETUP program modifies your PC's AUTOEXEC.BAT and CONFIG.SYS files.)
6. When prompted, select the communications port you intend to use when you connect your OmniBook and PC using LapLink Remote, then choose Continue. (You can change the port later, if you want.)

Since you may use this port frequently, make sure it's available and can perhaps be dedicated to LapLink Remote. When you connect your OmniBook and PC, you can use either special LapLink Remote serial cable or parallel cable—or an infrared link, if your PC has a built-in infrared port or an external infrared interface. See the suggestions below.



Connection	Suggestions
If You're Making a Serial Connection	If your PC has more than one serial port, it's simplest if you choose the first one, called COM1—though you can use COM2, COM3, or COM4. If your PC has a serial mouse, it's probably connected to COM1. In that case, you should use COM2. Note that on some newer PCs, COM1 and COM2 may be called Serial A and Serial B.
If You Choose Serial Port COM3 or COM4	COM1 and COM3 may use the same interrupt line (as may COM2 and COM4). This means that you may have trouble using COM1 and COM3 (or COM2 and COM4) simultaneously—the two ports may conflict with each other and one or both may not work.
If You're Making an Infrared Connection	Choose the serial (COM) port that corresponds to the PC's infrared port—see your PC's user manual.
If You're Making a Parallel Connection	Most PCs have one parallel port (LPT1). If the PC is connected to a printer (even over a LAN connection), it's probably using LPT1. If the PC has another parallel port, you can use it for LapLink Remote. Otherwise, use a serial connection.

7. When prompted, choose the network option that matches your PC setup, then choose Continue.
8. When the installation finishes, choose OK.
9. Close any open applications and exit Program Manager (and Windows).
10. Press **Ctrl+Alt+Del** to reboot your PC so that the new settings can take effect.

If your PC has any trouble rebooting, you can check these changes in its AUTOEXEC.BAT and CONFIG.SYS files:

- In AUTOEXEC.BAT, Setup added the C:\OBCOMPAN\TSI directory to the PATH command. If this made the command too long, you need to shorten the PATH command—you may be able to use the SUBST command to abbreviate directory paths.

- In AUTOEXEC.BAT, Setup inserted the LLRA1 command near the end of the file—this command prepares the PC for LapLink Remote. It should come before the WIN command, if present. If your PC runs Windows in Standard mode, after the LLRA1 line you should insert LLRA2 and LLRA3 lines.
- In CONFIG.SYS, Setup may have added or changed the LASTDRIVE command. If your PC has trouble accessing network drives, check with your network administrator about adjusting this command or changing network files.

Hint

If your PC already has a version of LapLink Remote Access installed, you should use the version installed from the *Companion* disk—unless your PC has a more recent version.

If your PC doesn't use Microsoft Windows, you can install LapLink Remote Access on it using "Remote Install"—see the end of chapter 2 in the *OmniBook Operating Guide*.

To learn more about the Companion applications

- For information about using LapLink Remote Access, see the *OmniBook Operating Guide*.
- For information about using Appointment Book and Phone Book, see the *OmniBook Personal Information Guide*.

Expanding Your OmniBook

Expanding Your OmniBook

Your OmniBook is a powerful computer in its own right—but you'll get even more from your OmniBook by connecting it with other external devices:

- A printer.
- An external display or projection panel.
- A modem.
- A network and its resources.
- A desktop station with several devices already set up.
- A PC and its files, drives, and printers.

This chapter gives you a look at certain types of external connections. The *OmniBook Operating Guide* gives more information about them.

Expanding the Capabilities of Your OmniBook

The following topics describe the types of connections you can use with your OmniBook—connections that make your OmniBook even more useful.

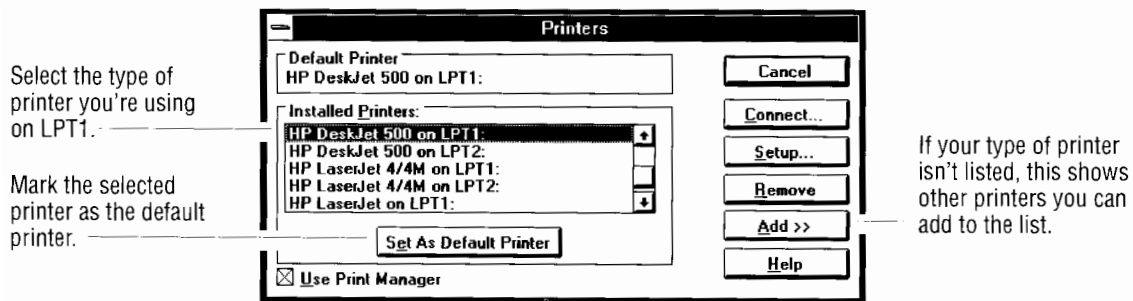
Printer

The following steps assume you're connecting a parallel-type printer. If you're connecting a different type, see the *OmniBook Operating Guide*.

1. On the *OmniBook*, in Program Manager double-click the Control Panel icon (in the Main group), then double-click the Printers icon.
2. Check the list of Installed Printers for the type of printer you're using.

If your printer type isn't listed, choose Add and install the proper type. If you're prompted to insert a disk, you can type `c:\windows\options` and choose OK—uninstalled drivers are stored in this directory. Or, if a floppy disk comes with your printer, you can insert it in the floppy drive.

3. In the list of Installed Printers, select the printer you're using—it should be listed at the LPT1 port—and choose Set As Default Printer.
4. Choose Close.
5. Connect a printer cable between the printer and the OmniBook 25-pin parallel port (sometimes called the "printer" port).

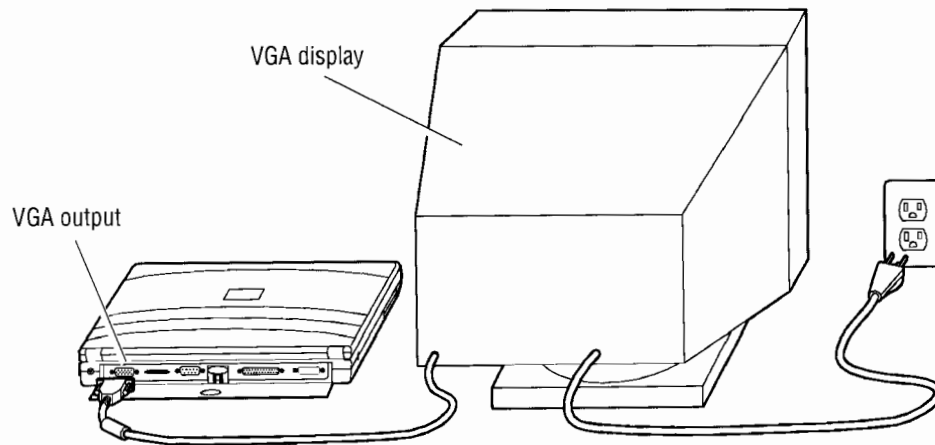


For detailed information about setting up a printer, see the *OmniBook Operating Guide* or the *Microsoft Windows for Workgroups* manual.

External VGA Display

If you're giving a presentation, you can connect a VGA projection panel to your OmniBook. For a demonstration to a small group, you can connect a large VGA display.

1. Make sure the external display supports standard VGA format.
2. Plug the VGA cable from the external display into the VGA output connector at the back of the OmniBook.



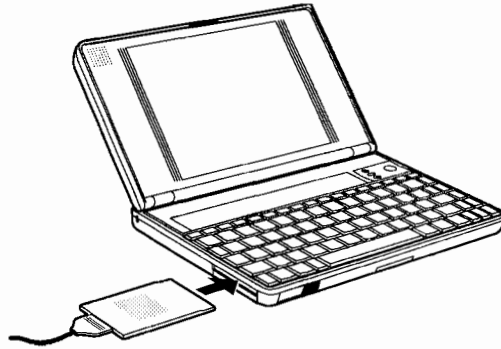
The external device must be a color VGA display or compatible device. The OmniBook automatically recognizes and activates the external display. You may notice a slight dimming of the OmniBook display while the external display is connected.

If you're using a super VGA display and you want to use its higher resolution, you can switch to super VGA output—see the *OmniBook Operating Guide*.

PCMCIA Cards

You can insert PCMCIA cards in the upper and lower card slots, adding new functionality to your OmniBook. Consider these examples:

- You can insert a fax/modem card that connects to a telephone line. You can use this connection to transfer files and other data between computers. Or you can send and receive facsimiles (faxes) using fax software.
- You can insert a network card that connects to a local-area network (LAN), such as at your office. You can use this connection to use the services available on your local network, including the shared resources and workgroup applications provided by Windows for Workgroups.
- You can insert wireless communications cards that use radio signals instead of wires. For example, you can use such cards to receive messages, tie into a local network, or access a global positioning system.



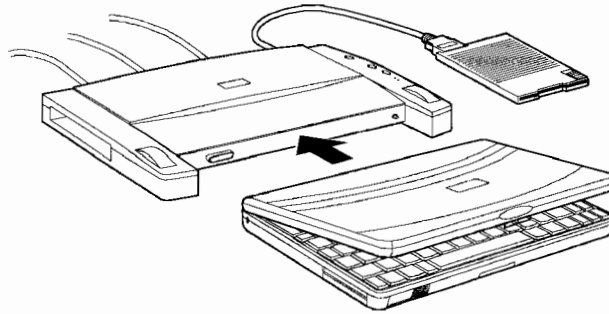
For some cards, you can simply plug in the card and begin using it. For other cards, you may have to install certain drivers normally provided with the cards—see the instructions that come with the cards. You may also need special communications software to make the most of the added capabilities.

For information about PCMCIA cards that operate with the OmniBook, contact Hewlett-Packard—see the *Support and Service* booklet or the OmniBook Support icon in Program Manager. See the OmniBook *Operating Guide* for other information.

Enhanced Port Replicator

If you purchase an enhanced port replicator, your OmniBook becomes even more convenient whenever you work at your desk. By making one connection—plugging your OmniBook into the port replicator—you can get convenient access to these types of connections:

- Floppy drive.
- Printer.
- Modem or other serial device.
- External CD-ROM drive or disk drive.
- Network access.
- External keyboard.
- Serial PS/2 mouse.
- External VGA display.



If you use the port replicator with a 101/102-key keyboard, a mouse, and a VGA display, your OmniBook is transformed into a “desktop workstation.” When you work at your desk, you can use a standard keyboard, mouse, and display—all tied into your OmniBook.

In addition, with a network connection, you can easily tap into the services available on your local network, including the shared resources and workgroup applications provided by Windows for Workgroups.

LapLink Remote Access and a PC

If you have access to other personal computers, you can use your OmniBook and LapLink Remote Access to use their drives, files, and printers—without requiring a network connection. With LapLink Remote you can

- Connect your OmniBook to a desktop or portable PC, or to another OmniBook.
- Copy files from the OmniBook to a PC—and vice versa.
- Manipulate the PC's drives and directories from your OmniBook.
- Use the PC's floppy drive as an alternative to an OmniBook floppy drive.
- Back up OmniBook files onto your PC's hard disk or floppy drive.
- Print to the PC's printer, or to a network printer.

LapLink Remote is actually a program that runs on the OmniBook and on your desktop PC at the same time. To install LapLink Remote on a PC, see "To install the Companion applications on your PC" on page 2-13 in this manual. Then, to establish a link, you do two things—they're explained fully in the OmniBook *Operating Guide*.

1. Buy and connect a LapLink Remote cable between the OmniBook and the PC.
2. Start LapLink Remote on both computers.

When the computers are connected and each computer is running LapLink Remote, the same disk drives and printers can appear on both computers.

You can buy and use a special serial cable to make the connection between the OmniBook's serial port and one on your PC. Or you can connect the two computers by their parallel ports using a special parallel cable. Or, if the PC has a built-in infrared port or an external infrared interface, you can make a wireless connection using an infrared light beam. See the OmniBook *Operating Guide* for information.

Expanding the Capabilities of Your OmniBook

Specifications, Safety, and
Regulations

Specifications, Safety, and Regulations

Your OmniBook is designed to provide trouble-free operation. The following suggestions can help you maintain its dependability:

- Observe the temperature limits and other specifications listed in the next section.
- Check out the tips about ergonomics and work habits later in this chapter.
- If you have problems, see the problem-solving suggestions in the *OmniBook Operating Guide* and in the *Microsoft MS-DOS* and *Microsoft Windows for Workgroups* manuals.
- If you think your OmniBook might need repair service, see the warranty and service information in the *Support and Service* booklet or the OmniBook Support icon in Program Manager.

To contact Hewlett-Packard

If you have questions that the OmniBook manuals don't answer (even after looking in the contents and index), you can contact Hewlett-Packard at the address or phone number listed in the *Support and Service* booklet or the OmniBook Support icon in Program Manager. Please have your OmniBook with you.

Hardware Specifications

Display	Backlit liquid-crystal display (LCD). Color VGA (640 × 480 dots). Local video bus, 1 MB display memory.
Keyboard	Enhanced PC functionality with compact layout. Embedded numeric keypad. Fn key.
Memory	RAM: 4 MB or more built in (depending on the model), expandable to 16 MB maximum.
Mass Storage	Card slots: two PCMCIA slots available (two type I or II cards or one type III card). System slot: one ATA-compatible slot.
Interfaces	Serial: one 9-pin 115,200-baud RS-232 port (with hardware handshaking). Parallel: one 25-pin bidirectional port. Infrared: one 115,200-baud bidirectional port. VGA output: one 15-pin color-VGA port. Floppy drive: one custom floppy-drive port. Docking port: one custom port for an enhanced port replicator. Card slots: PCMCIA I/O cards (two type I or II cards or one type III card).
Card Slots	Electrical: PCMCIA version 2.0 (12 V) cards. Mechanical: PCMCIA type I, II, and III cards.
AC Adapter	Input: 100 to 240 Vac (50 to 60 Hz). Output: 12 Vdc, 2.5 A. Polarity: negative (inner contact is negative). Operating temperature: 0 to 40 °C (32 to 104 °F).
Battery Pack	Voltage: 9.6 Vdc. Recharge time: less than 2 hours to High level, 4 additional hours to Full level. Operating time from full charge (varies according to model and usage): up to 4 hours (typical), based on a nickel-metal-hydride battery.
Temperature	Operating: 0 to 40 °C (32 to 104 °F). Storage with data retention: 0 to 55 °C (32 to 131 °F). The unit may not operate properly below 0 °C (32 °F), but you can have storage temperatures down to -20 °C (-4 °F) without damaging the hardware.
Humidity	Operating and storage: 90% relative humidity at 40 °C (104 °F) maximum.

Safety Information

This section presents information about using the OmniBook safely:

- ▶ Setting up your workplace for efficiency and safety.
- ▶ Using the ac adapter and power cord.

Working Efficiently and Safely

Ergonomics is the science that fits products to people. Its goal is to make products easy, enjoyable, safe, and efficient to use. However, with even the best designed equipment, how you use the product is very important.

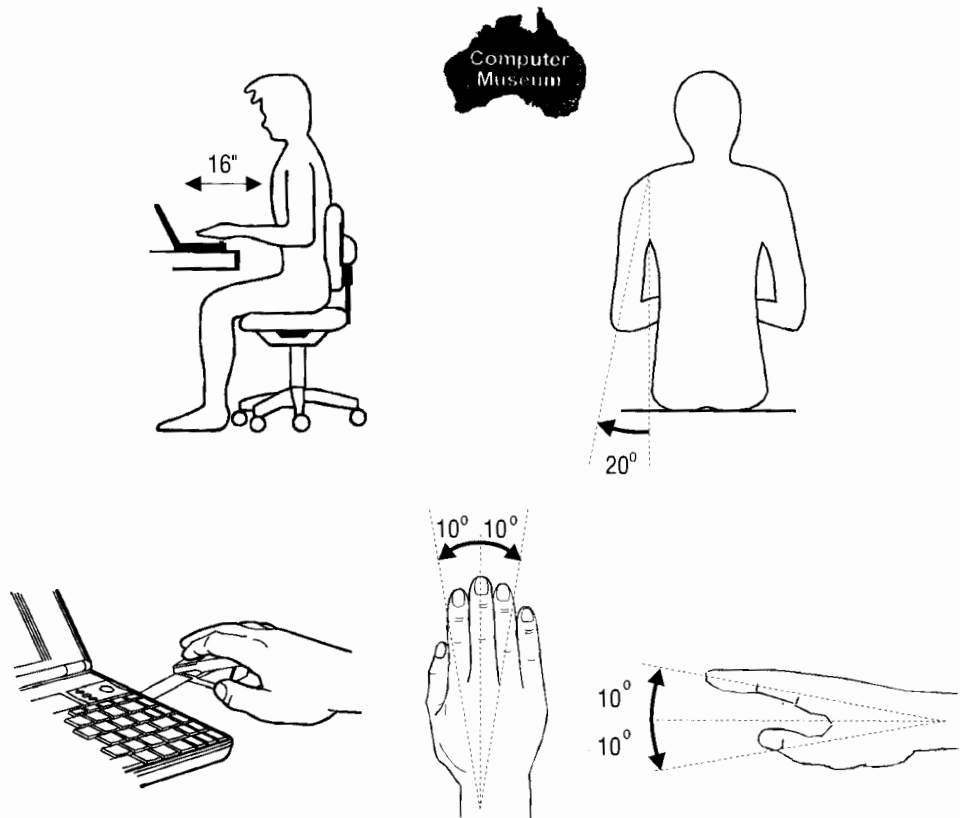
The OmniBook is optimized for portability and battery life, while maintaining full PC compatibility and functionality. As a result, it may not meet all ergonomic standards for desktop workstations.

You can use your OmniBook virtually anywhere, anytime, so following the guidelines below can be a challenge—but your efforts will be worthwhile, and help ensure that your OmniBook is ergonomically effective for you.

- Place your OmniBook directly in front of you, within easy reaching distance for your hands when your arms are hanging straight down at your side (this is about 16 inches, or 40 centimeters, in most cases).
- Whenever possible, adjust your seat height, work surface, or both to position the surface at approximately elbow height.
- Try not to use a lot of force when typing—type as lightly as possible. The OmniBook keyboard requires little force to activate, and excess force during typing may increase the risk of injury to you in the long term.
- Do not rest your wrists on a sharp edge when typing. Whenever possible, find a work surface edge that is rounded or padded, or position yourself so your hands rest on the surface, not its edge.
- When typing, try to find positions where you can sit with your arms (shoulder to elbow) straight down at your sides, and try not to hold your arms out away from your body (angle less than 20 degrees).
- Position the keyboard so your wrists, hands, and fingers are in a “neutral” line while typing. This means they do not tilt up or sideways more than 10 degrees.
- Use the OmniBook mouse in a raised position on a flat surface whenever possible. Drape your fingers over the mouse, rather than pinching it.

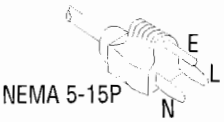
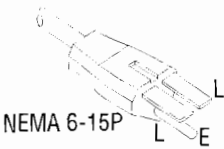
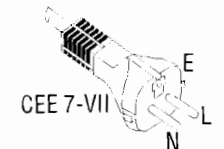

Keep your fingers and wrist in a “neutral” line, meaning they do not tilt sideways more than 10 degrees.

- Shift positions and move your body from time to time—keeping your body “locked” in one position for a long period of time is unnatural and stressful.
- Take short (about 2 minutes or so) breaks whenever you feel fatigued, tired, or stiff—or at least once every hour. Use the breaks to gently stretch your hands, fingers, arms, and shoulders. Data show that people who sit and work for long periods without breaks are more prone to injury. Shorter, more frequent breaks are more effective than longer, less frequent ones.

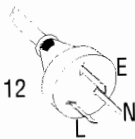
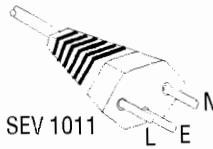
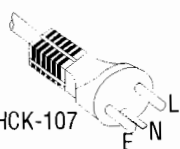
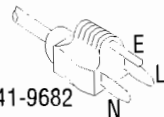
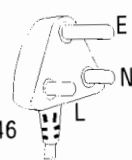


Safety Information**Choosing Power Cords**

The power cord supplied with the OmniBook ac adapter should match the plug and voltage requirements for your local area. Regulatory approval for the ac adapter has been obtained using the power cord for the local area. However, if you travel to a different area and need to connect to a different outlet or voltage, you should use one of the power cords listed below. To purchase a power cord (including one for a country not listed below) or a replacement ac adapter (HP part number F1044B), contact your local Hewlett-Packard dealer or Sales and Service office.

Power Cords			
AC Plug Type*	Rated Voltage and Current	Country	HP Part Numbers
 NEMA 5-15P	125-127 Vac 10 A	Canada Mexico Philippines Taiwan United States	8120-1348 (2.5 m) -or- 8120-6260 (1.0 m)
 NEMA 6-15P	250 Vac 6 A	United States	8120-0698 (2.5 m)
 CEE 7-VII	250 Vac 10 A	East and West Europe Egypt Saudi Arabia	8120-1689 (2.5 m) -or- 8120-6262 (1.0 m)
 BS 1363A	250 Vac 5 A	Hong Kong Singapore United Kingdom	8120-1351 (2.5 m) -or- 8120-6261 (1.0 m)

Power Cords (continued)

AC Plug Type*	Rated Voltage and Current	Country	HP Part Numbers
 <p>ASC112</p>	250 Vac 7.5 A	Australia New Zealand People's Republic of China	8120-1369 (2.5 m) -or- 8120-6346 (1.0 m)
 <p>SEV 1011</p>	250 Vac 6 A	Switzerland	8120-2104 (2.5 m)
 <p>DHCK-107</p>	250 Vac 6 A	Denmark	8120-2956 (2.5 m)
 <p>MITI 41-9682</p>	125 Vac 12 A	Japan	8120-5342 (2.5 m)
 <p>BS 546</p>	250 Vac 10 A	India South Africa	8120-4211 (1.0 m)

* L=line or active conductor, N=neutral or identified conductor, E=earth or ground.

CAUTION

Use only the ac adapter shipped with the OmniBook (HP part number F1044B). *Using any other adapter could damage the OmniBook and void your warranty.* Always plug the ac adapter into a grounded outlet. Also, the adapter plug has negative polarity—the inner contact is negative, and the outer is positive.

Regulatory Information

This section presents information that shows how the OmniBook complies with regulations in certain regions. Any modifications to the OmniBook not expressly approved by Hewlett-Packard could void the authority to operate the OmniBook in these regions.

U.S.A.

The OmniBook generates and uses radio frequency energy and may interfere with radio and television reception. The OmniBook complies with the limits for a Class B computing device as specified in Part 15 of FCC Rules, which provide reasonable protection against such interference in a residential installation. The “FCC ID” number for this product is listed on the bottom of the unit. In the unlikely event that there is interference to radio or television reception (which can be determined by removing the unit’s battery), try the following:

- Reorienting or relocating the receiving antenna.
- Relocating the OmniBook with respect to the receiver.
- Connecting the OmniBook ac adapter to another power outlet.

For more information, consult your dealer, an experienced radio/television technician, or the following booklet, prepared by the Federal Communications Commission: *How to Identify and Resolve Radio-TV Interference Problems*. This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock Number 004-000-00345-4. At the first printing of this manual, the telephone number was (202) 783-3238.

The OmniBook cables provided with the unit or with its accessories—serial cable (HP part number F1047-60901) and floppy-drive cable (F1059-60903)—must be used to connect the OmniBook to printers, computers, and other peripheral devices to ensure compliance with the Class B emission limits for residential use. To maintain compliance, other parallel and serial cables used with this product must be shielded and have metallic connector hoods.

Canada

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada.

Japan

この装置は、第二種情報装置（住宅地域又はその隣接した地域において使用されるべき情報装置）で住宅地域での電波障害防止を目的とした情報処理装置等電波障害自主規制協議会（VCCI）基準に適合しております。

しかし、本装置をラジオ、テレビジョン受信機に近接してご使用になると、受信障害の原因となることがあります。

取扱説明書に従って正しい取り扱いをして下さい。

Regulatory Information

Europe

Products sold in Europe by Hewlett-Packard and its authorized dealers meet the specifications listed below.

Declaration of Conformity (according to ISO/IEC Guide 22 and EN 45014)

Manufacturer: Hewlett-Packard Company

Address: Hewlett-Packard Co.
Corvallis Division
1000 NE Circle Blvd.
Corvallis, OR 97330

declares that the following product

Product name: HP OmniBook 600, all models

Options: All

conforms to the following product specifications

Safety: IEC 950:1991+A1,A2 / EN 60950 (1992)+A1,A2

EMC: CISPR 22:1993 / EN 55022 (1988): Class B ^[1]
IEC 801-2:1991 / prEN 55024-2 (1992): 3kV CD, 8kV AD
IEC 801-3:1984 / prEN 55024-3 (1991): 3V/m
IEC 801-4:1988 / prEN 55024-4 (1992): 0.5kV signal lines, 1.0kV power lines

Supplementary Information: The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC.

The HP F1044B ac adapter used with this product is disconnected from the power by unplugging the power cord from the power outlet or from the ac adapter. Therefore, the power outlet should be located close to the product and be easily accessible.

^[1] The product was tested in a typical configuration with Hewlett-Packard personal computer peripherals.

Quality Department
Hewlett-Packard Company
Corvallis Division

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- 4: Specifications, Safety, and Regulations



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Edition 1



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