



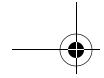
Startup Guide

HP Tablet PC Series Docking Station

Document Part Number: 334244-001

October 2003

This guide provides information on docking the tablet PC in the portrait position, enabling the default desktop video profiles, and undocking the tablet PC. It also provides operating instructions and troubleshooting procedures for common docking problems.

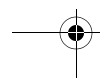
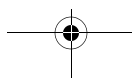
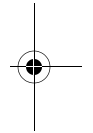
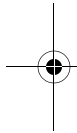


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Startup Guide
HP Tablet PC Series Docking Station
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Getting Started

This chapter lists the contents of the packing box and helps you to identify the Tablet PC Docking Station components.

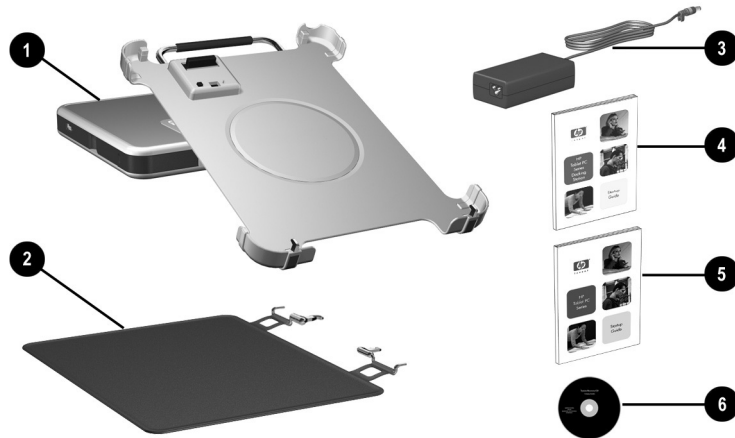
 For information on specific tablet PC components, refer to the *Hardware Guide* provided with your tablet PC or the *Reference Guide* on the *Documentation Library* CD included with this product.


Before docking your tablet PC to the Docking Station, read the safety instructions in “Using This Product Safely” later in this chapter and the *Important Safety Information* document included with this product.

Getting Started

Unpacking the Box

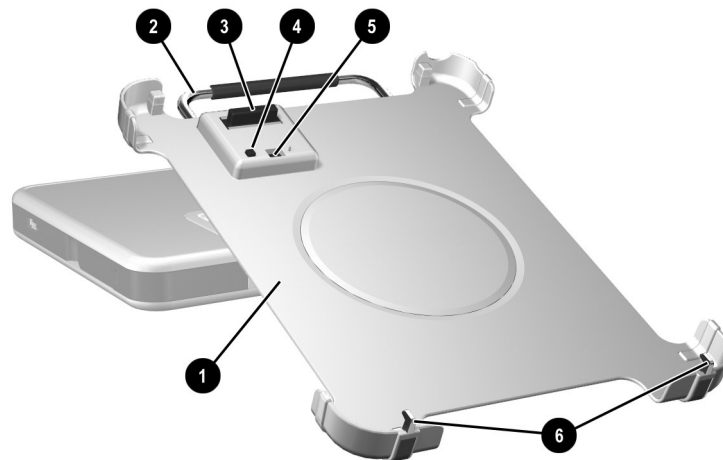
Make sure you unpack the following items.



Item	Description
①	Tablet PC Docking Station
②	Screen protector
③	AC adapter
④	Warranty and service information
⑤	This guide, <i>Tablet PC Docking Station Startup Guide</i>
⑥	<i>Documentation Library</i> CD
	The <i>Documentation Library</i> CD provides additional product documentation, such as the <i>Reference Guide</i> , <i>Safety & Comfort Guide</i> , and <i>Regulatory Agency Notices</i> .

Identifying the Docking Station Components

Front View

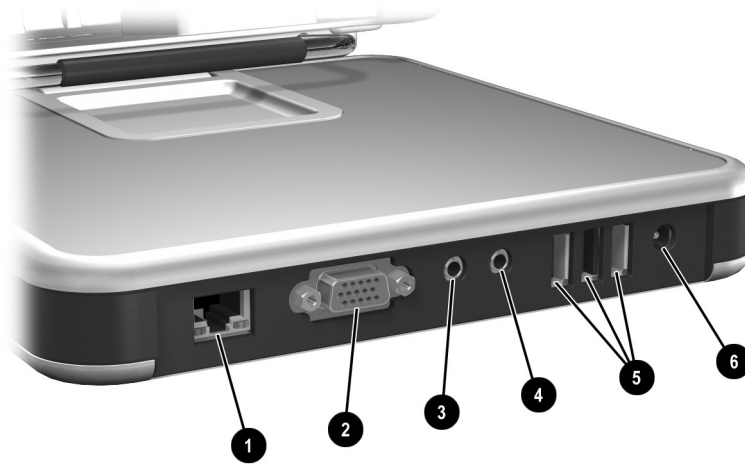



Component	Description
❶ Docking stand	Holds the tablet PC when it is docked.
❷ Release handle	Ejects the tablet PC from the docking stand.
❸ Docking connector	Connects to the tablet PC.
❹ Docking eject pin	Disconnects the tablet PC from the docking stand docking connectors when the release handle is pulled.
❺ Docking restraint latch	Secures the tablet PC to the docking stand.
❻ Docking alignment brackets (2)	Fit into the tablet PC docking alignment slots to align the tablet PC in the docking stand.

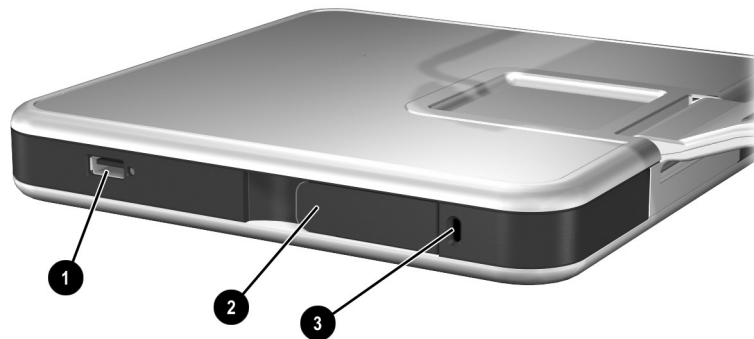
*Getting Started***Right Side View**

Component	Description
❶ MultiBay	Supports a diskette drive, CD-ROM or CD-RW drive, DVD drive, DVD/CD-RW drive, or second hard drive.
❷ Pivot arm	Tilts the docking stand forward and backward to enable different viewing angles and different docking modes.


Back View



Component	Description
① RJ-45 network jack	Connects a network cable.
② External monitor connector	Connects an optional external monitor or overhead projector.
③ Audio line-out jack	Connects optional stereo headphones or powered stereo speakers, and connects the audio function of an audio/video device such as a television or VCR.
④ Audio line-in jack	Connects the stereo audio function of optional audio devices such as CD players.
⑤ USB connectors (3)	Connect optional USB devices.
⑥ AC power connector	Connects an AC adapter.
 When the tablet PC is docked, the RJ-45 network cable must be connected to the Docking Station and <i>not</i> to the tablet PC. For more information, refer to the <i>Reference Guide</i> on the <i>Documentation Library CD</i> .	

*Getting Started***Left Side View**

Component	Description
❶ External MultiBay connector	Connects optional USB devices.
❷ MultiBay release lever	Ejects a MultiBay device from the bay.
❸ Security cable slot	Attaches an optional security cable that secures the Docking Station to an immovable object and disables the MultiBay release lever.

 If an optional External MultiBay device is connected to a USB connector, the device must also be connected to AC power. See the "Right Side View" section earlier in this chapter. If an External MultiBay device is connected to the External MultiBay connector, it is not necessary to connect the External MultiBay device to AC power.

Using This Product Safely

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. For more information, refer to the *Regulatory Agency Notices* guide on the *Documentation Library CD*.



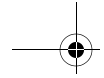
WARNING: To reduce the risk of electric shock or damage to your equipment:

- Plug the power cord into an electrical outlet that is easily accessible at all times.
- Disconnect power from the product by unplugging the power cord from the electrical outlet.
- If provided with a three-pin attachment plug on your power cable, plug the cable into a grounded (earthed) three-pin outlet. Do not disable the power cord grounding pin. The grounding pin is an important safety feature.

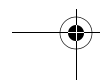
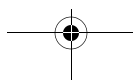
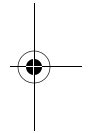
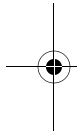


WARNING: To reduce the risk of serious injury, read the *Safety & Comfort Guide*. It describes proper workstation setup, posture, and health and work habits for computer users, and provides important electrical and mechanical safety information. This guide is located on the Web at <http://www.hp.com/ergo> and on the *Documentation Library CD* that is included with the product.

For additional safety instructions, read the *Important Safety Information* document included with this product.



Getting Started



2

Docking and Undocking the Tablet PC

This chapter provides the following procedures:

- Connecting to a power source
- Docking the tablet PC (in portrait position with or without the keyboard attached)
- Changing the tablet PC orientation and viewing angle
- Using an external keyboard and mouse
- Using optional MultiBay devices
- Turning the system on and off



This guide provides instructions for docking the tablet PC in the portrait position. Refer to the *Reference Guide* on the *Documentation Library* CD for additional docking instructions, such as docking the tablet PC in the landscape position.

Docking and Undocking the Tablet PC

Connecting to a Power Source

The Docking Station must be connected to external power for operation.

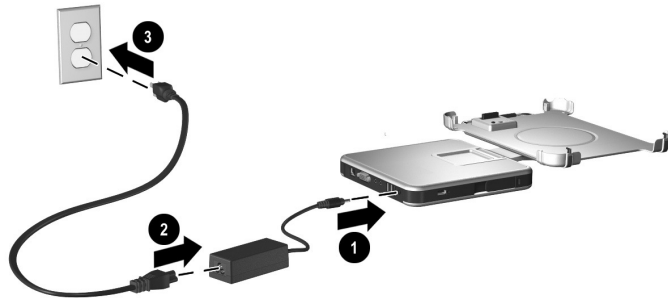


WARNING: To reduce the risk of electric shock or damage to the equipment:

- Do not disable the power cord grounding plug. The grounding plug is an important safety feature.
- Plug the power cord into a grounded (earthed) electrical outlet that is easily accessible at all times.
- Disconnect power from the Docking Station by unplugging the power cord from the electrical outlet.
- Do not place anything on power cords or cables. Arrange them so that no one can accidentally step on or trip over them. Do not pull on a cord or cable. When unplugging from the electrical outlet, grasp the cord by the plug.

To connect to a power source:

1. Connect the AC adapter cable to the AC power connector on the back of the Docking Station **1**.
2. Connect the power cord to the AC adapter **2**.
3. Plug the power cord into an electrical outlet **3**.



Connecting to a power source

Docking the Tablet PC in the Portrait Position

When docking the tablet PC, the tablet PC can be:

- Powered on or off
- Docked with or without the optional keyboard

If the screen protector is attached, it must be resting on the tablet PC screen, and not folded back, to prevent blocking the docking connector. For more information on the screen protector, refer to the *Reference Guide* on the *Documentation Library CD*.



To ensure that the docking connector on the tablet PC is correctly connected to the docking connector on the Docking Station, follow the procedures in this section carefully.

Keyboard Considerations

The docking stand is designed to accommodate the tablet PC with or without the keyboard attached.

Without the Keyboard Attached

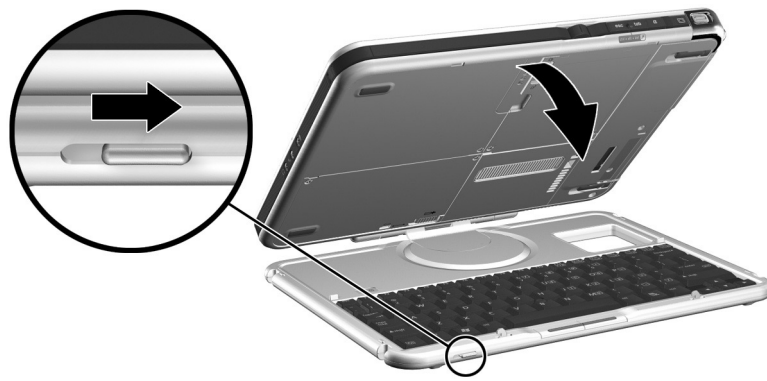
When the tablet PC is correctly docked without the keyboard attached, the tablet PC will not be flush against the docking stand.

Docking and Undocking the Tablet PC


With the Keyboard Attached

The optional keyboard includes a docking connector pass-through so that the tablet PC can be docked with the keyboard attached.

Before docking with the keyboard attached, close the tablet PC and keyboard, then slide the keyboard latch to the right to lock them together.



Securing the keyboard to the tablet PC

 Docking and undocking the tablet PC with the keyboard attached and opened is *not* supported.

Docking and Undocking the Tablet PC

To dock the tablet PC in the portrait position:



Before you begin, place the Docking Station and the docking stand on a firm, flat surface.

1. Align the docking alignment slots on the lower edge of the tablet PC with the alignment brackets on the docking stand. Then, while supporting the back of the docking stand with one hand, lower the tablet PC into the docking stand until the lower edge of the tablet PC is firmly seated.



To prevent misdocking:

- Lower the tablet PC *into* the docking stand; do not *push* the tablet PC *against* the docking stand.
- Lower the 2 alignment slots on the tablet PC onto the 2 alignment brackets on the docking stand simultaneously and with equal pressure.
- The non-skid rubber pads on the bottom edge of the docking stand should rest against a firm, flat surface, such as a desk.



Seating the lower edge of the tablet PC in the docking stand in the portrait position

Docking and Undocking the Tablet PC

2. Align the docking connector on the back of the tablet PC with the docking connector on the docking stand. Then pivot the top of the tablet PC toward the top of the docking stand until the connectors are positioned for the connection.

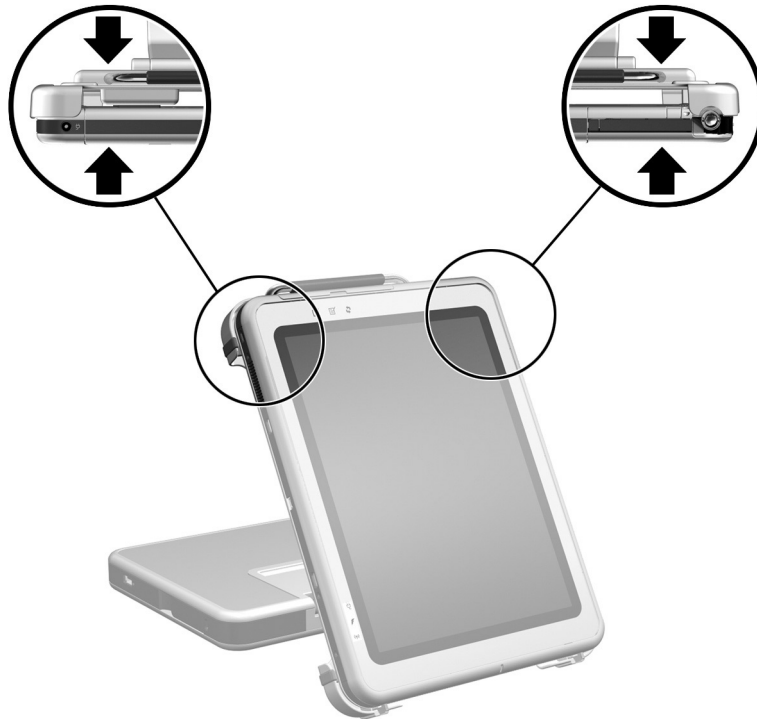
△ To prevent misdocking, be sure the alignment slots on the lower edge of the tablet PC are correctly inserted into the alignment brackets on the docking base before positioning the docking connectors for the connection.



Aligning and positioning the docking connectors in the portrait position

Docking and Undocking the Tablet PC

- Using both hands, place your thumbs on the pressure points shown below on the front of the tablet PC and your fingers on the pressure points shown below on the back of the docking stand. Then squeeze the tablet PC and docking stand connectors together firmly. Be sure to apply equal and simultaneous pressure on all 4 pressure points. A snap and click can be heard when the attachment and connection are secure.




Identifying the pressure points on the tablet PC and the docking stand in the portrait position

Docking and Undocking the Tablet PC

If the docking stand is positioned in writing mode, simply press the tablet PC into place. For more information on writing mode, refer to the *Reference Guide* on the *Documentation Library CD*.



Docking the tablet PC in writing mode

 To set your desktop video profiles for the first time or customize your settings, see Chapter 3, “Enabling the Default Desktop Video Profiles.”

Changing the Orientation and Viewing Angle

The Docking Station enables you to change the orientation of the tablet PC. You can change the orientation from portrait (vertical) to landscape (horizontal). You can also change the angle of the tablet PC from a viewing position (viewing mode) to a handwriting position (writing mode).

Changing the Orientation

To change the tablet PC orientation from portrait to landscape:

- » Turn the tablet PC counterclockwise.



Changing the tablet PC from portrait to landscape

Docking and Undocking the Tablet PC

To change the tablet PC orientation from landscape to portrait:

- » Turn the tablet PC clockwise.



Changing the tablet PC from landscape to portrait

Changing the orientation also automatically changes the orientation of the images on the tablet PC screen.



The docking handle should only be on the top or left.

Changing the Viewing Angle of the Tablet PC

The pivot arm that connects the docking stand to the base of the Docking Station enables you to change the angle of the tablet PC from viewing mode to writing mode.



Tablet PC in viewing mode

Docking and Undocking the Tablet PC



Tablet PC in writing mode

Changing the tablet PC between viewing mode and writing mode activates the NVIDIA nView Desktop Manager utility that automatically changes the mode of the tablet PC. For more information, see Chapter 3, “Enabling the Default Desktop Video Profiles.”

Using an External Keyboard and Mouse

To use a keyboard and pointing device while the tablet PC is docked:

- » Connect an external USB keyboard and mouse to the Docking Station.



Make sure that your desktop video profiles are enabled. See Chapter 3, “Enabling the Default Desktop Video Profiles,” for more information.



Tablet PC correctly docked with the keyboard attached

Docking and Undocking the Tablet PC

Docking and undocking the tablet PC with the keyboard attached and opened is *not* supported.




Tablet PC incorrectly docked with the keyboard attached

Using MultiBay Devices

The following MultiBay devices can be used with the docking station:

- Diskette drive
- CD-ROM or CD-RW drive
- DVD drive
- DVD/CD-RW drive
- Hard drive

 **CAUTION:** Static electricity can damage electronic components. Before beginning the following procedures, make sure you are grounded (discharged of static electricity) by briefly touching a grounded, unpainted metal object or surface.

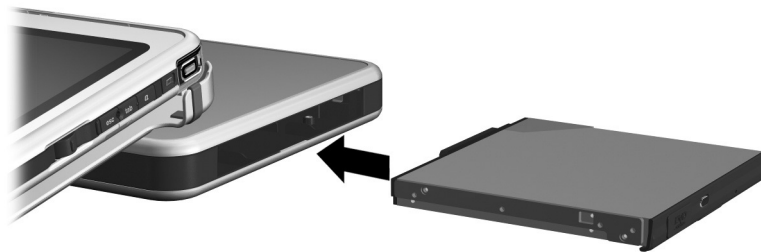
Docking and Undocking the Tablet PC

Inserting and Removing Devices

Device	Action	Power State
■ Diskette	Inserting	Off
■ Hard drive		
■ CD-RW	Removing	Off
■ DVD/CD-RW		
■ CD	Inserting	Off or on (Not Standby or Hibernation)
■ DVD	Removing	Off or on (Not Standby or Hibernation)

To insert a MultiBay device:

- » Slide the device into the bay.

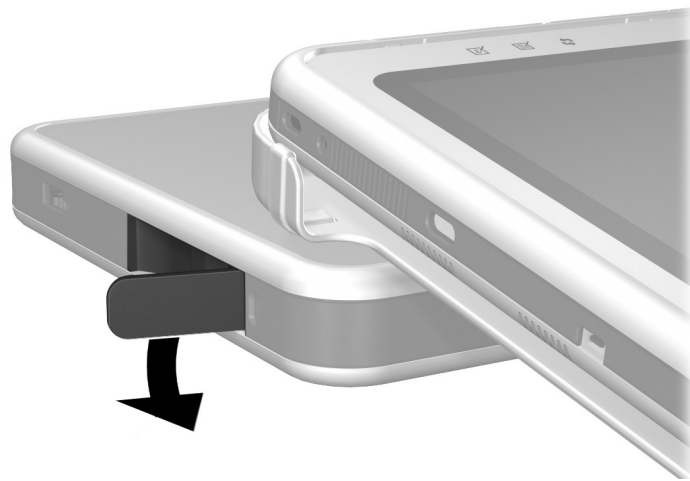


Inserting a MultiBay device


To eject a MultiBay device:

CAUTION: Be sure all MultiBay activity has stopped before removing a drive from the MultiBay. Removing a drive before MultiBay activity has stopped can result in data loss.

1. Pull the MultiBay release lever.



Pulling the MultiBay release lever

 If a security cable is inserted in the security cable slot, the cable must be removed before the release lever can be pulled.

Docking and Undocking the Tablet PC

2. Pull the device out of the bay.



Removing a MultiBay device

Undocking the Tablet PC

When undocking, the tablet PC can be powered on or off.

To undock the tablet PC:

1. Pull the release handle.



Pulling the release handle

Docking and Undocking the Tablet PC

2. Pull the tablet PC away and out of the docking stand.



Removing the tablet PC from the docking stand

Turning the System On and Off

When the tablet PC is docked in the Tablet PC Docking Station, turn the system on or off using the power button on the tablet PC. Power to the tablet PC can be on or off when docking or undocking.

3

Enabling the Default Desktop Video Profiles

The tablet PC desktop video profiles enable you to optimize your work environment for your preferred work style. The NVIDIA nView Desktop Manager utility automatically changes the video profile (settings) of the tablet PC when you dock and undock it in the Docking Station.



The tablet PC is shipped with only the undocked profile enabled. All additional profiles are disabled. HP recommends that you enable the profiles when you add a Tablet PC Docking Station, full-sized monitor, or external keyboard and mouse to the system.

To begin using the desktop video profiles:

- Set up the hardware.
- Enable the default profiles.



For information on customizing the desktop video profiles, refer to the *Reference Guide* on the *Documentation Library* CD.

Setting Up the Hardware

Ensure that the hardware is arranged so that the tablet PC display and the external monitor are in a comfortable viewing position and so that the keyboard, mouse, and Docking Station are easy to reach.



Tablet PC docked in viewing mode with external monitor, keyboard, and mouse


To set up the hardware:

1. Connect a full-sized monitor, USB keyboard, and USB mouse to the Docking Station (optional).
2. With the tablet PC turned off, dock the tablet PC in the Docking Station. (See Chapter 2, “Docking and Undocking the Tablet PC.”)
3. Turn on the tablet PC.


Enabling the Default Profiles

To enable the default profiles:

1. Select Start > Control Panel > Other Control Panel Options > NVIDIA > nView Desktop Manager icon > Profiles tab.

 Alternatively, you can right-click on the desktop, then select nView Properties > nView Desktop Manager icon > Profiles tab.

2. In the upper portion of the Profiles tab, select the check boxes for the profiles you want to activate.
3. Select the OK button.
4. Test the default video profile:
 - a. Undock the tablet PC.
 - b. Dock the tablet PC.

 It is normal for the screen to flicker or be dark momentarily or for the orientation to be different than expected until a profile is completely activated.

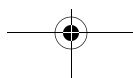
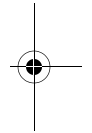
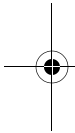
When you dock the tablet PC, the default video profile is activated:

- The image on the external monitor is displayed in landscape view.
- The image on the external monitor is an extension of the Windows desktop from the tablet PC.
- The taskbar is displayed on the external monitor.
- Application windows may be dragged from one monitor to another.

Experiment with the default profiles to determine whether they are suitable for your work style.



Enabling the Default Desktop Video Profiles



4

Getting Help

HP Customer Care

In North America, call HP Customer Care at 1-800-474-6836. This service is available 24 hours a day, 7 days a week.



For continuous quality improvement, calls may be recorded or monitored.

Outside North America, call the nearest HP Customer Care. Telephone numbers for HP Customer Care are listed on the HP Web site. Access the HP Web site by logging on to the Internet at <http://www.hp.com>. Select your country or region from the drop-down list.

Be sure to have the following items and information available before you call HP:

- Your Tablet PC Docking Station
- Serial numbers of all HP hardware (located on the product identification labels attached to the hardware)
- Conditions under which the problem has occurred
- Hardware and software you are using (if applicable)
- A list of the devices and error messages received

Getting Help

HP Web Site

The HP Web site has the latest information on this product as well as the latest drivers. You can access the HP Web site by logging on to the Internet at <http://www.hp.com>.

HP Authorized Reseller


For the name of your nearest HP authorized reseller:

- In the United States, call 1-800-345-1518.
- In Canada, call 1-800-263-5868.
- In other regions, refer to the HP Web site for locations and telephone numbers or the *Worldwide Telephone Numbers* booklet (in English only) included with the tablet PC.

Troubleshooting Problems, Causes and Solutions

This section provides common problems, causes, and solutions when docking the tablet PC, changing the orientation, and inserting a multibay device. For additional troubleshooting information, see the *Reference Guide* on the *Documentation Library CD*.

Docking Problems

Problem	Possible Cause	Solution
Tablet PC is not properly docked.	The tablet PC is not fully seated.	Be sure to support the back of the docking stand with your hand when you dock the tablet PC. Squeeze the upper corners of the tablet PC and the docking stand together to seat the docking connectors.
	The tablet PC is not aligned with the docking stand alignment brackets.	Realign the tablet PC and squeeze the upper corners of the tablet PC and the docking stand together while supporting the back of the docking stand.
Tablet PC will not undock.	The eject pin may not have exerted enough force.	Pull the release handle farther out.  Applying excessive force may damage system components.

Getting Help

Tablet PC Orientation Problems

Problem	Possible Cause	Solution
Tablet PC is not the primary display.	The tablet PC is in viewing mode.	Change the tablet PC to writing mode. See "Changing the Viewing Angle of the Tablet PC" in this guide. For more information regarding the tablet PC viewing and writing modes, refer to the <i>Software Guide</i> on the <i>Documentation Library CD</i> .
Default applications are not showing when the tablet PC is in viewing or writing modes.	Desktop Video Profile has been disabled.	Enable Desktop Video Profiles. See Chapter 3, "Enabling the Default Desktop Video Profiles."
	The applications have been removed from the profile.	Reset the default applications in the profile preferences. See Chapter 3, "Enabling the Default Desktop Video Profiles."

MultiBay Device Problems

Problem	Possible Cause	Solution
MultiBay drive is not recognized as part of the system.	The drive is not properly inserted in the MultiBay.	Remove the drive, then reinsert it as shown in "Using MultiBay Devices" in Chapter 2.

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