Reference Guide
HP Notebook Expansion Base

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This document provides instructions on how to use the HP Notebook Expansion Base with select models of HP and Compaq notebooks.
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Getting Started

Identifying the Front Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Stereo speakers</td>
<td>Provide the sound from the notebook.</td>
</tr>
<tr>
<td>2 Volume control buttons: up, down, and mute</td>
<td>Control the volume of the sound from the notebook.</td>
</tr>
<tr>
<td>3 Connection indicator light</td>
<td>Illuminates solid blue when the notebook is connected correctly.</td>
</tr>
</tbody>
</table>
## Identifying the Rear Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Expansion cable</td>
</tr>
<tr>
<td>2</td>
<td>RJ-11 jack</td>
</tr>
<tr>
<td>3</td>
<td>USB connectors (3)</td>
</tr>
<tr>
<td>4</td>
<td>Ethernet network (RJ-45) jack</td>
</tr>
<tr>
<td>5</td>
<td>RJ-11 jack</td>
</tr>
<tr>
<td>6</td>
<td>S/PDIF (Sony/Philips Digital Interface) audio connector</td>
</tr>
<tr>
<td>7</td>
<td>TV out/Composite jack</td>
</tr>
<tr>
<td>8</td>
<td>TV out/S-Video jack</td>
</tr>
<tr>
<td>9</td>
<td>Serial connector</td>
</tr>
<tr>
<td>10</td>
<td>Power connector</td>
</tr>
</tbody>
</table>
Identifying the Side Components

Right-side components (viewed from the front of the Expansion Base)

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Headphone jack</td>
<td>Connects a headphone.</td>
</tr>
<tr>
<td>2 USB connectors (3)</td>
<td>Connect USB devices; USB 2.0 compatible.</td>
</tr>
<tr>
<td>3 Kensington security slot</td>
<td>Connects an optional security cable.</td>
</tr>
</tbody>
</table>
### Getting Started

*Left-side components (viewed from the front of the Expansion Base)*

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kensington security slot</td>
<td>Connects an optional security cable.</td>
</tr>
</tbody>
</table>
## Identifying the Wireless Accessories

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Wireless Keyboard</td>
<td>Connects to the Expansion Base without a cable.</td>
</tr>
<tr>
<td>2 Batteries</td>
<td>Batteries that are inserted in the wireless keyboard and mouse.</td>
</tr>
<tr>
<td>3 Receiver</td>
<td>Allows connection between the Expansion Base and the wireless keyboard or mouse.</td>
</tr>
<tr>
<td>4 Wireless Mouse</td>
<td>Connects to the Expansion Base without a cable.</td>
</tr>
</tbody>
</table>

*The wireless accessories may be included with the Expansion Base.*
Getting Started

Getting More Information

- The Documentation Library CD, included with the notebook, contains comprehensive information about your notebook as well as governmental agency and safety information about the use of your notebook.

- The CD, included with the Expansion Base, contains governmental agency and safety information about the use of the Expansion Base.

- The HP Web site (http://www.hp.com) provides product news and software updates.

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.
2

Connecting and Removing the Notebook

Connecting to AC Power

WARNING: To reduce the risk of personal injury, electric shock, fire, or damage to your equipment:

- Do not disable the power cord grounding plug. The grounding plug is an important safety feature.
- Plug the equipment into a grounded (earthed) electrical outlet that is easily accessible at all times.
- Disconnect power from the equipment 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 a cord from the electrical outlet, grasp the cord by the plug.
For optimal performance, connect the Expansion Base to AC power. Plug the power cable into the wall outlet.

Connecting to AC power (power cords and outlets vary by region and country)
Connecting and Removing the Notebook

Connecting the Notebook to the Expansion Base

1. Open the notebook.
2. Slide the notebook into the Expansion Base with the keyboard facing you.

Sliding the notebook into the Expansion Base

The notebook is held in place by a buffer pad, which prevents the notebook from shifting out of its proper position in the Expansion Base.
3. Gently pull the expansion cable from its docked location and slide it to either side of the Expansion Base, depending on where the expansion connector on your notebook is located. The location of the expansion connector on your notebook may vary by notebook series and model.

It is important to position the cable correctly, so that the cable can move freely. A cable skirt and guide assist in positioning the cable.

Sliding the cable to either side of the Expansion Base
Connecting and Removing the Notebook

4. Connect the expansion cable to the notebook, matching the icon on the notebook expansion connector with the icon on the end of the expansion cable.

Connecting the expansion cable to the notebook
5. For optional communication, do one of the following:

- If you are using a modem with your notebook to communicate using an analog telephone line, refer to “Using the Expansion Base” chapter, “Using a Modem Through the Expansion Base” section, for instructions on how to communicate through a modem.

- If you are connecting directly to a network, refer to the “Using the Expansion Base” chapter, “Connecting the Expansion Base to a Network” section, for instructions on how to connect to network.

6. Turn on the notebook if it is not already powered on. Refer to the “Using the Expansion Base” chapter, “Turning the Notebook On and Off” section.

Notice the ring around the volume control buttons. If the connection was made properly, the ring will be illuminated solid blue.

After the notebook is connected to the Expansion Base, the internal notebook speakers are disabled and the Expansion Base speakers are activated.
Removing the Notebook

It is not necessary to turn the notebook off before removing it from the Expansion Base, although this is recommended if your operating system is Windows 2000 or earlier.

1. Press the buttons on the end of the expansion cable 1 to disconnect the cable from the notebook 2.

The location of the expansion connector on the notebook may vary by notebook series and model.
2. Disconnect the modem cable from the RJ-11 jack on the notebook, if connected. You may leave the other end of the cable connected to the Expansion Base for future use.
3. Slide the notebook up and out of the Expansion Base.
Turning the Notebook On and Off

When the notebook is connected to the Expansion Base, turn the system on and off using the power button on the notebook.

Locating the power button on the notebook

The power button location on the notebook may vary by notebook series and model.
Using the Expansion Base

Following Expansion Base Guidelines

■ Operating Systems—For optimal performance, use the Expansion Base with HP or Compaq notebooks running Microsoft Windows XP.

■ Power—For best performance, use the Expansion Base while connected to electrical power. This allows the notebook battery to remain charged while the notebook is connected to the Expansion Base.

■ Connecting and Removing
  ❑ The notebook can be powered on or off when connecting it to and removing it from the Expansion Base. The blue indicator light on the Expansion Base shows a successful connection and will not illuminate until the notebook is powered on.
  ❑ With Windows 2000, Windows 98, Windows 95, and Windows NT:
    ◆ Turn off the notebook before connecting it to and removing it from the Expansion Base.
    ◆ When restoring power to the system, first connect the notebook to the Expansion Base, then turn the notebook on.

■ External Devices—When the notebook is connected to the Expansion Base, you may attach external devices to the connectors on the rear panel of the Expansion Base or to the connectors on the notebook.
Using the Wireless Keyboard and Mouse

For more information, refer to the HP Wireless Keyboard and Mouse Quick Setup poster.

1. Turn the wireless keyboard upside down to locate the battery cover 1.
2. Remove the battery cover, then insert the batteries into the battery slot 2.
3. Replace the battery cover 3.

Inserting the batteries into the wireless keyboard
Using the Expansion Base

4. Turn the mouse upside down to locate the battery cover.
5. Remove the battery cover, then insert the batteries into the mouse 1.
6. Replace the battery cover 2.

*Inserting the batteries into the wireless mouse*
7. Connect the wireless receiver to a USB port on the Expansion base.
Using the Expansion Base

8. Press the connect button on the receiver ➊.

9. While the button is flashing, press the connect button on the bottom of the keyboard ➋.

Pressing the buttons on the wireless keyboard and receiver

10. Turn the keyboard right side up.
11. If you are using the wireless mouse also, press the connect button on the receiver again 1.

12. While the button on the receiver is flashing, press the connect button on the bottom of the mouse 2, using a pointed object such as a pencil tip.

Pressing the buttons on the wireless mouse and receiver

Your wireless keyboard and mouse will now operate while a notebook is connected to the Expansion Base.

To customize the Quick Launch buttons on the wireless keyboard, refer to the instructions in your notebook documentation.
Connecting the Expansion Base to a Television

You can connect the Expansion Base to a television and use the television as an external monitor. The Expansion Base provides two television-out ports on the rear panel: composite and S-Video. Refer to the manual that came with your television to determine what type of connection you have on your television.

1. Plug the appropriate cable into the connector on the back of your television.
2. Plug the other end of the cable into the appropriate connector on the back of the Expansion Base.

Refer to the instructions provided for your notebook to configure the television monitor as the primary display.
Using a Modem Through the Expansion Base

You can connect your notebook through the Expansion Base to your analog telephone line for dial-up communication. This requires the RJ-11 modem cables that came with your Expansion Base.

1. Plug one end of one of the modem cables into the RJ-11 jack on the notebook. Plug the other end of the cable into the RJ-11 jack on the upper rear panel of the Expansion Base 1.

2. Plug one end of the other RJ-11 cable into the RJ-11 jack on the lower rear panel of the Expansion Base. Plug the other end of the cable into the RJ-11 wall jack 2.

A country-specific modem adapter also may be required in addition to the RJ-11 cable connected to the RJ-11 wall jack.
Using the Expansion Base

Connecting the Expansion Base to a Network

You can connect your notebook through the Expansion Base to a network. This requires an RJ-45 network cable (purchased separately).

1. If you haven’t already done so, connect the Expansion Base to your notebook following the instructions in the “Connecting and Removing the Notebook” chapter in this guide.

2. Connect one end of the network cable to the RJ-45 jack on the Expansion Base and the other end to the RJ-45 wall jack.

⚠️ Use the RJ-45 connector on the Expansion Base instead of the one on the notebook. The RJ-45 connector on some notebooks may be disabled when the notebook is installed in the Expansion Base.

An RJ-11 modem cable between the notebook and Expansion Base is not required if connecting directly to a network.

Using the Security Cable Locks

⚠️ The purpose of security solutions is to act as a deterrent. These solutions do not prevent the product from being mishandled or stolen.

1. With the notebook positioned in the Expansion Base, loop the security cable (purchased separately) around a secure object; then insert the lock into the security cable slot on the Expansion Base.
2. Insert the key into the lock and turn the key to secure the Expansion Base and notebook.

Securing the Expansion Base and notebook

Two security slots are provided, one on each side of the Expansion Base.
Troubleshooting

Using the World Wide Web

Support services are available on the Internet through HP technical support. You can either browse the postings as a guest, or register as a user and submit your own questions. HP makes every attempt to respond to questions in a timely manner.

To access HP technical support, visit the HP Web site at http://www.hp.com.

Preparing to Call Technical Support

If you cannot solve a problem using the troubleshooting tips in this section, you may need to call technical support.

When you call technical support, have the following information available:

- The notebook and Expansion Base
- Serial numbers for the notebook and Expansion Base
- Purchase dates on invoices
- Conditions under which the problem occurred
- Error messages that have occurred
- Hardware configuration of the notebook
- Hardware and software you are using
- Type of printer connected, if applicable
- Configuration settings, including contents of the system files
Solving Common Problems

The following tables list possible problems, the possible cause of each problem, and the recommended solutions.

Connection Problems and Solutions

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The notebook is not properly connected to the Expansion Base.</td>
<td>The expansion cable on the Expansion Base is not fully connected to the expansion connector on the notebook.</td>
<td>Unplug the expansion cable from the notebook; then plug the cable back into the notebook.</td>
</tr>
</tbody>
</table>
## Removal Problems and Solutions

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The blue indicator light does not illuminate.</td>
<td>The notebook is not powered on.</td>
<td>Turn on the notebook.</td>
</tr>
<tr>
<td></td>
<td>The Expansion Base is not plugged into AC power.</td>
<td>Plug the Expansion Base into an AC power outlet.</td>
</tr>
<tr>
<td></td>
<td>The expansion cable on the Expansion Base is not connected to the expansion connector on the notebook.</td>
<td>Connect the expansion cable to the expansion connector.</td>
</tr>
<tr>
<td></td>
<td>The notebook is in suspend/hibernate mode.</td>
<td>Remove the notebook from suspend or hibernate mode.</td>
</tr>
<tr>
<td>The speakers have little or no volume.</td>
<td>The Expansion Base speakers are muted or the volume is set too low.</td>
<td>Adjust the volume buttons.</td>
</tr>
<tr>
<td>The notebook shuts down.</td>
<td>The Expansion Base is not plugged into an AC power outlet, draining the notebook battery pack.</td>
<td>Plug the Expansion Base into an AC power outlet.</td>
</tr>
<tr>
<td>The wireless keyboard or mouse does not work.</td>
<td>The receiver is not plugged into an available USB port.</td>
<td>Plug the receiver into a USB port.</td>
</tr>
<tr>
<td></td>
<td>The receiver and keyboard or mouse have not been synchronized.</td>
<td>Synchronize the devices by pressing the appropriate buttons. Refer to the “Using the Expansion Base” chapter, “Using the Wireless Keyboard and Mouse” section for more information.</td>
</tr>
<tr>
<td></td>
<td>The keyboard or mouse has no battery power.</td>
<td>Make sure that batteries are inserted correctly in the keyboard or mouse and that the batteries are functional.</td>
</tr>
</tbody>
</table>