

**Computer Setup (F10) Utility Guide - dx2390  
and dx2400 Microtower Models  
HP Compaq Business PC**

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### **Computer Setup (F10) Utility Guide**

HP Compaq Business PC

dx2390 and dx2400 Microtower Models

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## About This Book

This guide provides instructions on how to use Computer Setup. This tool is used to reconfigure and modify computer default settings when new hardware is installed and for maintenance purposes.

- △ **WARNING!** Text set off in this manner indicates that failure to follow directions could result in bodily harm or loss of life.
- △ **CAUTION:** Text set off in this manner indicates that failure to follow directions could result in damage to equipment or loss of information.
- 📝 **NOTE:** Text set off in this manner provides important supplemental information.



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# Computer Setup (F10) Utility

## Computer Setup (F10) Utilities

Use Computer Setup (F10) Utility to do the following:


- Change factory default settings.
- Set the system date and time.
- Set, view, change, or verify the system configuration, including settings for graphics, audio, storage, communications, and input devices.
- View settings for processor and memory.
- Modify the boot order of bootable devices such as hard drives, diskette drives, optical drives, or USB flash media devices.
- Restrict a device from booting the unit.
- Run hard drive self-tests.
- Establish a supervisor password that controls access to Computer Setup (F10) Utility and the settings described in this section.
- Enable or disable removable media boot ability.

## Using Computer Setup (F10) Utilities

Computer Setup can be accessed only by turning the computer on or restarting the system. To access the Computer Setup Utilities menu, complete the following steps:

1. Turn on or restart the computer.
2. As soon as the computer is turned on, press **F10** when the monitor light turns green to enter Computer Setup.

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 **NOTE:** If you do not press **F10** at the appropriate time, you must restart the computer and again press **F10** when the monitor light turns green to access the utility.

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3. The Computer Setup Utility screen is divided into menu headings and actions.

Five menu headings appear on the Computer Setup Utility screen:


- Main
- Advanced
- Power

- Boot
- Exit

Use the arrow keys to select the appropriate heading, then press **Enter**. Use the arrow (up and down) keys to select the option you want, then press **Enter**. To return to the previous screen, press **Esc**.

△ **CAUTION:** Do NOT turn the computer power OFF while the ROM is saving the Computer Setup (F10) changes because the CMOS could become corrupted. It is safe to turn off the computer only after exiting the F10 Setup screen.

## Computer Setup—Main

 **NOTE:** Support for specific Computer Setup options may vary depending on the hardware configuration.


**Table 1 Computer Setup—Main**


Option	Description
<b>System Time</b>	Allows you to set system time.
<b>System Date</b>	Allows you to set system date.
<b>Language</b>	Allows you to select language.
<b>Floppy Diskette A:</b>	Allows you to set drive A to: <ul style="list-style-type: none"> <li>• Disabled</li> <li>• 1.44 MB 3.5"</li> <li>• Not Installed</li> </ul>
<b>1st Drive</b>	For each, allows you to:
<b>2nd Drive</b>	<ul style="list-style-type: none"> <li>• (view only)</li> </ul>
<b>3rd Drive</b>	<ul style="list-style-type: none"> <li>◦ Capacity (Size - HDD only)</li> </ul>
<b>4th Drive</b>	<ul style="list-style-type: none"> <li>◦ Transfer Mode</li> <li>◦ SATA Speed</li> <li>◦ NCQ</li> <li>• Smart Support - run HDD self-test for selected channel: <ul style="list-style-type: none"> <li>◦ SMART Status Check</li> <li>◦ SMART Short Self-Test</li> <li>◦ SMART Extended Self-Test</li> </ul> </li> </ul>
<b>System Information</b>	(view only) <ul style="list-style-type: none"> <li>• Installed Memory</li> <li>• Memory Bank 1</li> <li>• Memory Bank 2</li> <li>• Memory Bank 3</li> </ul>



- Memory Bank 4
- BIOS Revision
- Core Version
- Model Number
- Product Number
- Asset Tag (press Enter to change)

## Computer Setup—Advanced

 **NOTE:** Support for specific Computer Setup options may vary depending on the hardware configuration.

 **WARNING!** Setting items on this menu to incorrect values may cause your system to malfunction.


**Table 2 Computer Setup—Advanced**

Option	Description
CPU Type	(view only)
CPU Speed	(view only)
Cache RAM	(view only)
<b>Primary Video Adapter</b>	Allows you to select the boot display device when more than 2 video options are offered by the system: <ul style="list-style-type: none"> <li>• Integrated (Onboard)</li> <li>• PCI</li> <li>• PCI-Ex16</li> <li>• PCI-Ex1</li> </ul>
<b>Onboard Video Memory Size</b>	<ul style="list-style-type: none"> <li>• 1MB</li> <li>• 8MB</li> </ul>
<b>DVMT Mode Select</b>	Allows you to set video memory mode to: <ul style="list-style-type: none"> <li>• Fixed Mode</li> <li>• DVMT Mode</li> </ul>
<b>DVMT/Fixed Memory</b>	Allows you to set video memory size to: <ul style="list-style-type: none"> <li>• 128MB</li> <li>• 256MB</li> <li>• Maximum DVMT (available for DVMT Mode only)</li> </ul>
<b>PS/2 Mouse</b>	Allows you to set: <ul style="list-style-type: none"> <li>• Disabled</li> <li>• Enabled</li> <li>• Auto Detect</li> </ul>

**Table 2 Computer Setup—Advanced (continued)**

<b>USB Legacy Mode Support</b>	Allows you to set: <ul style="list-style-type: none"><li>• Disabled</li><li>• Enabled</li></ul>
<b>Onboard LAN</b>	Allows you to disable/enable onboard LAN controller.
<b>Onboard LAN Boot ROM</b>	Allows you to disable/enable the boot ROM of the onboard LAN chip.
<b>SATA1 Controller</b>	Allows you to disable/enable the SATA1 Controller.
<b>SATA1 Controller Mode</b>	If SATA1 Controller is enabled, allows you to set the mode to: <ul style="list-style-type: none"><li>• IDE</li><li>• AHCI</li></ul>
<b>SATA2 Controller</b>	Allows you to disable/enable the SATA2 Controller.
<b>Onboard Audio</b>	Allows you to set the onboard audio to: <ul style="list-style-type: none"><li>• Auto</li><li>• Disabled</li><li>• Enabled</li></ul>
<b>Internal Speaker</b>	Allows you to set the internal speaker to: <ul style="list-style-type: none"><li>• Disabled</li><li>• Enabled</li></ul>
<b>Supervisor Password</b>	Allows you to change supervisor password.
<b>User Password</b>	Allows you to change the user password.


## Computer Setup—Power

 **NOTE:** Support for specific Computer Setup options may vary depending on the hardware configuration.

**Table 3 Computer Setup—Power**

Option	Description
<b>After AC Power Failure</b>	Allows you to select system restart behavior after power loss: <ul style="list-style-type: none"><li>• Stay Off</li><li>• Power On</li><li>• Auto</li></ul>
<b>XD</b>	Disables/enables XD bit.


## Computer Setup—Boot

 **NOTE:** Support for specific Computer Setup options may vary depending on the hardware configuration.

**Table 4 Computer Setup—Boot**

Option	Description
<b>Boot-time Diagnostic Screen</b>	Disables/enables POST diagnostic messages display.
<b>1st Boot Device</b>	Allows you to specify which device groups will boot first, second, third, and fourth or to disable any of the four: <ul style="list-style-type: none"> <li>• Floppy Group</li> <li>• CD-ROM Group</li> <li>• Hard Drive Group</li> <li>• Network Boot Group</li> </ul> <p><b>NOTE:</b> MS-DOS drive lettering assignments may not apply after a non-MS-DOS operating system has started.</p>
<b>2nd Boot Device</b>	
<b>3rd Boot Device</b>	
<b>4th Boot Device</b>	
<b>Floppy Group Boot Priority</b>	Specifies boot device priority within removable devices.
<b>CD-ROM Group Boot Priority</b>	Specifies boot device priority within CD/DVD drives.
<b>Hard Drive Group Boot Priority</b>	Specifies boot device priority within hard drives.
<b>Network Group Boot Priority</b>	Specifies boot device priority within bootable network devices.

## Computer Setup—Exit

 **NOTE:** Support for specific Computer Setup options may vary depending on the hardware configuration.

**Table 5 Computer Setup—Exit**

Option	Description
<b>Exit Saving Changes</b>	Press <a href="#">Enter</a> to exit saving changes.
<b>Exit Discarding Changes</b>	Press <a href="#">Enter</a> to exit discarding changes.
<b>Load Setup Defaults</b>	Press <a href="#">Enter</a> to load setup defaults.
<b>Discard Changes</b>	Press <a href="#">Enter</a> to discard changes.
<b>Save Changes</b>	Press <a href="#">Enter</a> to save changes.

## Recovering the Configuration Settings

To reset all BIOS Setup options to their default values (including options for [Ctrl+F10](#)), you must enter F10 Setup mode and press [F5](#).

This does not include updates to **system date**, **system time**, **supervisor password**, **user password**, and **CPU frequency multiplier**.