

Computer Setup (F10) Utility Guide - dx7500 Models HP Compaq Business PC

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Computer Setup (F10) Utility Guide

HP Compaq Business PC

dx7500 Models

First Edition (August 2008)

Document Part Number: 498184-001

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.
- Run hard drive self-tests.
- Establish a supervisor password that controls access to Computer Setup (F10) Utility and the settings described in this section.

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** before the computer boots to the operating system to enter Computer Setup.

 **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.

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
System Time	Allows you to set system time.
System Date	Allows you to set system date.
Language	Allows you to select language.
Floppy Diskette A:	Allows you to set drive A to: <ul style="list-style-type: none"> • Disabled • 1.44 MB 3.5" • Not Installed
1st Drive	For each, allows you to:
2nd Drive	<ul style="list-style-type: none"> • (view only)
3rd Drive (not used)	<ul style="list-style-type: none"> ◦ Capacity (Size - HDD only)
4th Drive (not used)	<ul style="list-style-type: none"> ◦ Transfer Mode
5th Drive	<ul style="list-style-type: none"> • Smart Support - run HDD self-test for selected channel:
6th Drive	<ul style="list-style-type: none"> ◦ SMART Status Check ◦ SMART Short Self-Test ◦ SMART Extended Self-Test
System Information	(view only) <ul style="list-style-type: none"> • Installed Memory • Memory Bank 1 • Memory Bank 2 • Memory Bank 3 • 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)
Primary Video Adapter	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"> • Integrated (Onboard) • PCI-Ex16
Onboard Video Memory Size	<ul style="list-style-type: none"> • Disabled • Enabled, 32MB
PS/2 Mouse	Allows you to set: <ul style="list-style-type: none"> • Disabled • Enabled • Auto Detect
USB Ports	Allows you to enable/disable all USB ports.
Onboard LAN	Allows you to disable/enable onboard LAN controller.
Onboard LAN Boot ROM	Allows you to disable/enable the boot ROM of the onboard LAN chip.
SATA1 Controller	Allows you to disable/enable the SATA1 Controller.
SATA1 Controller Mode	If SATA1 Controller is enabled, allows you to set the mode to: <ul style="list-style-type: none"> • IDE • AHCI • RAID
Onboard Audio	Allows you to set the onboard audio to: <ul style="list-style-type: none"> • Auto • Disabled • Enabled

Table 2 Computer Setup—Advanced (continued)

Internal Speaker	Allows you to set the internal speaker to: <ul style="list-style-type: none">• Disabled• Enabled
Supervisor Password	Allows you to view the supervisor password.
User Password	Allows you to view the user password.
Onboard 1394	Allows you to enable/disable all 1394 ports.
Change Supervisor Password	Allows you to change the supervisor 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
After AC Power Failure	Allows you to select system restart behavior after power loss: <ul style="list-style-type: none">• Stay Off• Power On• Auto
XD	Disables/enables XD bit.
Virtualization Technology	Allows you to enable/disable Virtualization Technology.

Computer Setup—Boot


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

Table 4 Computer Setup—Boot

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

Table 4 Computer Setup—Boot (continued)

Floppy Group Boot Priority	Specifies boot device priority within removable devices.
CD-ROM Group Boot Priority	Specifies boot device priority within CD/DVD drives.
Hard Drive Group Boot Priority	Specifies boot device priority within hard drives.
Network Group Boot Priority	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
Exit Saving Changes	Press Enter to exit saving changes.
Exit Discarding Changes	Press Enter to exit discarding changes.
Load Setup Defaults	Press Enter to load setup defaults.
Discard Changes	Press Enter to discard changes.
Save Changes	Press Enter 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**.