

Hardware Reference Guide - dc7700 Series Small Form Factor Model

HP Compaq Business PC



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Hardware Reference Guide

HP Compaq Business PC

dc7700 Series Small Form Factor Model

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About This Book

This guide provides basic information for upgrading this computer model.



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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1 Product Features

Standard Configuration Features

The HP Compaq Small Form Factor features may vary depending on the model. For a complete listing of the hardware and software installed in the computer, run the diagnostic utility (included on some computer models only). Instructions for using the utility are provided in the *Troubleshooting Guide* on the *Documentation and Diagnostics CD*.



NOTE The Small Form Factor computer can also be used in a tower orientation. For more information, see the [Using the Small Form Factor Computer in a Tower Orientation](#) section in this guide.



Figure 1-1 Small Form Factor Configuration

Front Panel Components

Drive configuration may vary by model.

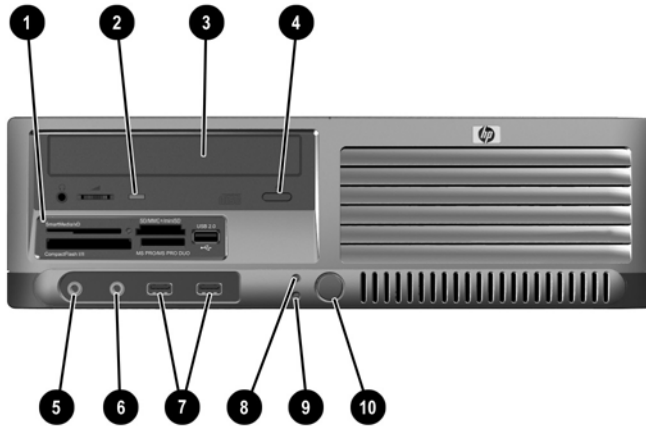


Table 1-1 Front Panel Components

1	3.5-inch Media Card Reader (optional) ¹	6	Headphone Connector
2	Optical Drive Activity Light	7	USB (Universal Serial Bus) Ports
3	5.25-inch Optical Drive ²	8	Hard Drive Activity Light
4	Optical Drive Eject Button	9	Power On Light
5	Microphone Connector	10	Dual-State Power Button



NOTE An optical drive is a CD-ROM, CD-R/RW, DVD-ROM, DVD+R/RW, or CD-RW/DVD Combo drive.

- ¹ Some models are configured with a diskette drive in the external 3.5-inch drive bay. Other models have a bezel blank covering this bay.
- ² Some models are configured with a bezel blank covering this bay.

Media Card Reader Components

The media card reader is an optional device available on some models only. Refer to the following illustration and table to identify the media card reader components.

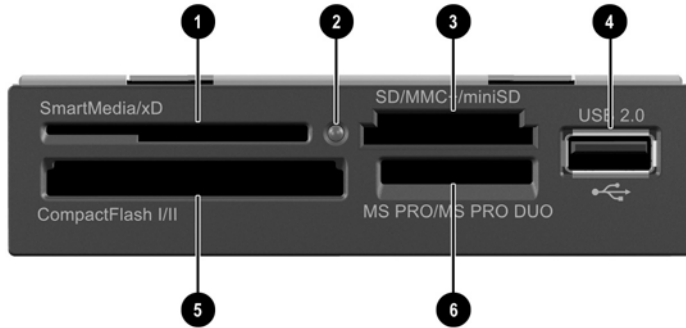


Table 1-2 Media Card Reader Components

1	SmartMedia/xD <ul style="list-style-type: none"> • 3.3V SmartMedia Card (SM) • D-Picture Card (xD) 	4	USB (Universal Serial Bus) Port
2	Media Card Reader Activity Light	5	CompactFlash I/II <ul style="list-style-type: none"> • CompactFlash Card Type 1 • CompactFlash Card Type 2 • MicroDrive
3	SD/MMC+/miniSD <ul style="list-style-type: none"> • Secure Digital Card (SD) • MiniSD • MultiMediaCard (MMC) • Reduced Size MultiMediaCard (RS MMC) • MultiMediaCard 4.0 (Mobile Plus) • Reduced Size MultiMediaCard 4.0 (MMC Mobile) • MMC Micro (adapter required) • MicroSD (T-Flash) (adapter required) 	6	MS PRO/MS PRO DUO <ul style="list-style-type: none"> • Memory Stick (MS) • MagicGate Memory Stick (MG) • MagicGate Memory Duo • Memory Stick Select • Memory Stick Duo (MS Duo) • Memory Stick PRO (MS PRO) • Memory Stick PRO Duo (MS PRO Duo)

Rear Panel Components

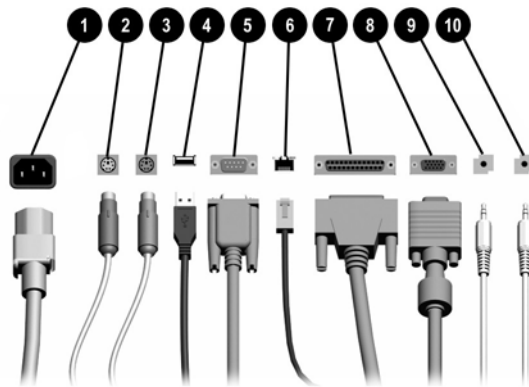










Table 1-3 Rear Panel Components

1	Power Cord Connector	6	 RJ-45 Network Connector
2	 PS/2 Mouse Connector (green)	7	 Parallel Connector
3	 PS/2 Keyboard Connector (purple)	8	 Monitor Connector
4	 Universal Serial Bus (USB)	9	 Line-Out Connector for powered audio devices (green)
5	 Serial Connector ¹	10	 Line-In Audio Connector (blue)



NOTE Arrangement and number of connectors may vary by model.

The monitor connector on the system board is inactive when a PCI Express graphics card is installed in the computer.

If a PCI graphics card is installed, the connectors on the card and the system board may be used at the same time. Some settings may need to be changed in Computer Setup to use both connectors. For information about Boot Order, refer to the *Computer Setup (F10) Utility Guide* on the *Documentation and Diagnostics CD*.

¹ An optional second serial connector is available from HP.

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