

Overview

At-A-Glance

- The HP Compaq dc5700 offers a stable solution with mainstream features and flexibility that exceed basic business requirements
 - Intel® Q963 Express chipset, Intel Core™ 2 Duo processors, Intel Pentium® D dual core processors, and Intel Pentium 4 processors
 - Embedded TPM 1.2 compliant security module* (Vista Bit-Locker ready)
 - Support for SMART III 3.0Gb/s Serial ATA hard drives
 - Value-added software available pre-loaded on select models:
 - HP ProtectTools Security Software Suite (purchased separately), including Credential Manager, Smart Card Manager, and BIOS Configuration
 - HP Software Agent
 - Altiris Deployment Solution Agent
 - Symantec Antivirus 10.0 with 60 day Live Update Subscription
 - HP Backup and Recovery Manager
 - Value-added software available for free download from the Web (<http://www.hp.com/go/easydeploy>)
 - HP Client Configuration Manager, Basic Edition
 - HP Client Manager for Altiris
 - Altiris Out-of-Band Management Solution
 - HP SoftPaq Download Manager
 - HP System Software Manager
 - HP Client Catalog for Microsoft SMS
 - Verdiem Surveyor remote power management agent
 - Fully compatible software OS image across all models (Microtower, Small Form Factor)
 - HP BIOS for security, manageability and software image stability
 - Standard 3-years parts, 3-years labor, and 3-years on-site warranty services (terms and conditions vary by country; certain restrictions and exclusions apply)
 - HP Insight Diagnostics software
 - Selected configurations with global availability easily set up and ordered through HP.com Business to Business portals (<http://h10019.www1.hp.com/business-site/index.html>)
 - Tailored HP Factory Express deployment and lifecycle services available (<http://h71028.www7.hp.com/enterprise/cache/97688-0-0-225-121.aspx>)
- TPM module disabled where use is restricted by law; for example, Russia.



QuickSpecs

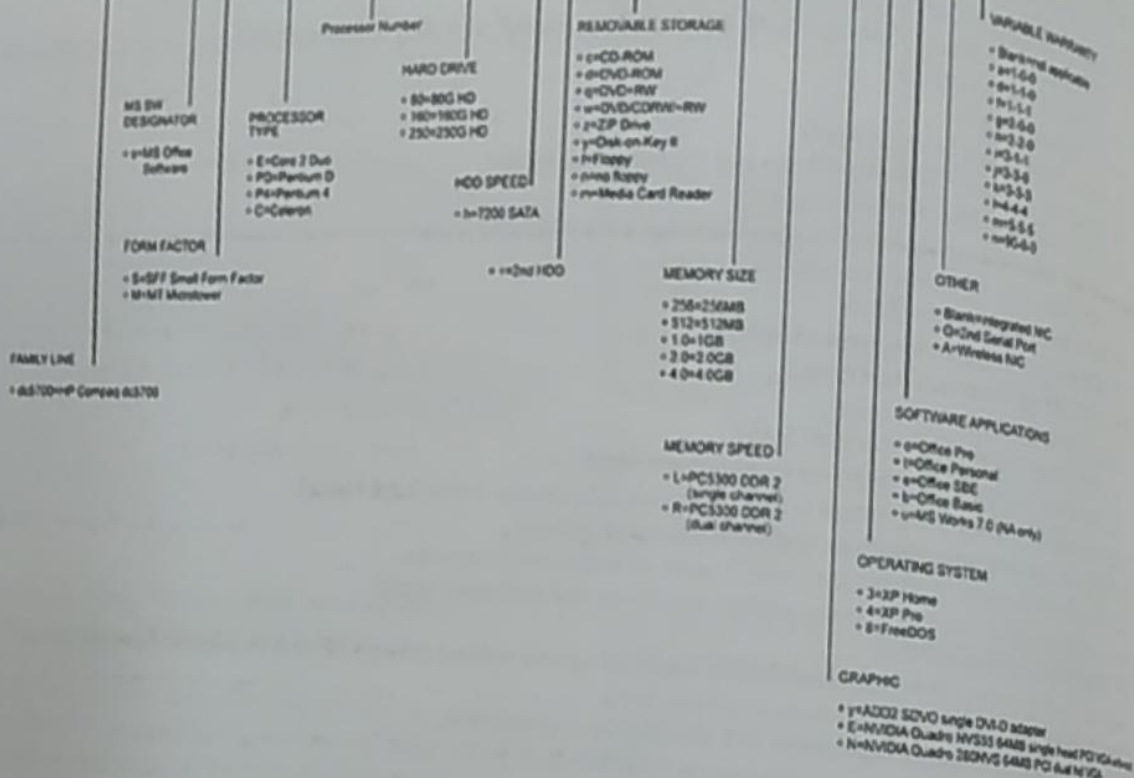
HP Compaq dc5700 Series

Configurable Components - Select Models (localized by Regions)

Model Key and Example

NOTE: This diagram is an example that illustrates how to read the model number. It is not intended to give every available configuration choice specified in the body of this document and may include references to modules that are out of date or no longer available.

dc5700sM/PD-940/160h+myq/1.0R/N4oAk



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HP Compaq dc5700 Business PC

Standard Features and Configurable Components

Operating System –
One of the following

Preinstalled	Genuine Windows Vista Business 32*
	Genuine Windows Vista Home Basic 32*
	Genuine Windows XP Professional SP2
	Genuine Windows XP Home SP2
	FreeDOS
Supported	Genuine Windows 2000

* Certain Windows Vista product features require advanced or additional hardware. See <http://www.microsoft.com/windowsvista/getready/hardwarereqs.mspx> and <http://www.microsoft.com/windowsvista/getready/capable.mspx> for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit <http://www.windowsvista.com/upgradeadvisor>.

NOTE: Drivers for Windows Vista are continually being made available for download from <http://www.hp.com>.

Value-added Software (on select models; not included with FreeDOS)

HP ProtectTools Security Software Suite*	Microsoft Office 2007 Personal
HP Backup and Recovery Manager	Microsoft Office 2007 Professional
HP Insight Diagnostics	Microsoft Office 2007 Small Business
Computer Setup Utility	Microsoft Works
Symantec AntiVirus with 60 day Live Update Subscription	Microsoft Internet Explorer
Intervideo WinDVD (supplied with DVD drive)	PDF Complete
Microsoft Office 2007 Basic	HP Smart Desktop Management System (SDMS) Free Trial
* optional purchase	HP Software Agent
	Altiris Deployment Solution Agent

Value-added Software (available for free download from the Web <http://www.hp.com/go/easydeploy>)

HP Client Configuration Manager, Basic Edition	HP Systems Software Manager
HP Client Manager for Altiris	HP Client Catalog for Microsoft SMS
Altiris Out-of-Band Management Solution	Verdiem Surveyor agent
HP SoftPaq Download Manager	

Value-added Services and Features

HP Stable Platform Program with Product Change Notification	Factory Express Deployment and Lifecycle Services
Business-to-Business Portals	TPM 1.2* Vista Bit-Locker Ready
HP Global Series Services	Tool-less Serviceability
* TPM module disabled where use is restricted by law; for example, Russia.	



QuickSpecs

HP Compaq dc5700 B

Standard Features and Configurable Components

Service and Support On-site Warranty and Service ^{Note 1}: This three-year (3-3-3), limited warranty and service delivers three years of parts, labor and on-site repair. Response time is next business-day. Note includes free telephone support ^{Note 3} 24 x 7. Global coverage ^{Note 2} ensures that any product purchased in one country and transferred to another non-restricted country will remain fully covered under the original warranty and service offering. Some countries/regions do not offer on-site labor.

NOTE 1: Terms and conditions may vary by country. Certain restrictions and exclusions apply.
NOTE 2: On-site service may be provided pursuant to a service contract between HP and an HP third-party provider, and is not available in certain countries. Global service response times based on commercially reasonable best effort and may vary by country.

NOTE 3: Technical telephone support applies only to HP-configured, HP and HP-qualified, third-party hardware and software. Toll-free calling and 24 x 7 support may not be available in some countries.

	Microtower	Small Form Factor
Chassis Dimensions (H x W x D)	14.85"H x 6.95"W x 16.85"D	4.5"H x 15.5"W x 13.5"D
System weight*	23.44 lb (10.63 kg)	17.86 lb (8.10 kg)
System volume	1739 cu in	941.63 cu in
Shipping weight*	32.12 lb (14.57 kg)	26.70 lb (12.11 kg)
Shipping box dimensions (H x W x D)	12.0 x 19.76 x 23.62 in	9.72 x 19.68 x 22.67 in
Power Supply	300W power supply – passive PFC	240W power supply – passive PFC
80 PLUS Power Supply	300W 80 PLUS* power supply – active PFC	240W 80 PLUS* power supply – active PFC
* This alternate 80% efficient power supply is a requirement for ENERGY STAR compliance in conjunction with a select range of processors and modules.		
Parts		
USB 2.0	8 (2 front, 6 rear)	8 (2 front, 6 rear)
Serial	1 standard with 2nd optional	1 standard with 2nd optional
Parallel	1	1
PS/2	1 keyboard, 1 mouse	1 keyboard, 1 mouse
Video	analog for integrated graphics	analog for integrated graphics
DVI output*	available via ADD2 card in SDVO connector	available via ADD2 card in SDVO connector
Support for Multi-Monitor*	available via ADD2 card in SDVO connector or by using NVIDIA Quadro NVS 280 64-MB PCI dual head VGA graphics adapter	available via ADD2 card in SDVO connector or by using NVIDIA Quadro NVS 280 64-MB PCI dual head VGA graphics adapter
Audio	Integrated High Definition audio with internal speaker	Integrated High Definition audio with internal speaker
	Front – mic and headphone	Front – mic and headphone
	Rear** – line in, line out	Rear** – line in, line out
NIC (RJ-45)	Integrated Broadcom 5755 Gigabit Ethernet	Integrated Broadcom 5755 Gigabit Ethernet

NOTES:
 * The dc5700 supports Normal (or Non-reversed) layout ADD2 (Advanced Digital Display 2) adapter cards inserted into the SDVO (Serial Digital Video Output) connector on the system board. This connector has the physical appearance of a PCIe x16 connector; however, conventional PCIe cards are not supported in this connector.
 ** Rear audio ports are re-taskable as Line-in, Line-out, or Microphone-in.



Standard Features and Configurable Components

Processor and Speed
not of the following

	MT	SFF
Intel Q963 Express chipset	X	X
Intel Celeron D Processors:		
Intel Celeron D 331 Processor (2.66-GHz, 256K L2 cache, 533-MHz FSB)	X	X
Intel Celeron D 347 Processor (3.06-GHz, 512K L2 cache, 533-MHz FSB)	X	X
Intel Celeron D 352 Processor (3.20-GHz, 512K L2 cache, 533-MHz FSB)	X	X
Intel Celeron D 356 Processor (3.33-GHz, 512K L2 cache, 533-MHz FSB)	X	X
Intel Celeron D 360 Processor (3.46-GHz, 512K L2 cache, 533-MHz FSB)	X	X
Intel Pentium 4 Processors with HT Technology:		
Intel Pentium 4 531 Processor (3.0-GHz, 1-MB L2 cache, 800-MHz FSB)	X	X
Intel Pentium 4 541 Processor (3.20-GHz, 1-MB L2 cache, 800-MHz FSB)	X	X
Intel Pentium 4 631 Processor (3.0-GHz, 2-MB L2 cache, 800-MHz FSB)	X	X
Intel Pentium 4 641 Processor (3.20-GHz, 2-MB L2 cache, 800-MHz FSB)	X	X
Intel Pentium 4 651 Processor (3.40-GHz, 2-MB L2 cache, 800-MHz FSB)	X	X
Intel Pentium 4 661 Processor (3.60-GHz, 2-MB L2 cache, 800-MHz FSB)	X	X
Intel Pentium dual-core Processors:		
Intel Pentium E2180 Processor (2.0-GHz, 1-MB L2 cache, 800-MHz FSB)	X	X
Intel Pentium D Processors:		
Intel Pentium D 915 Processor (2.8-GHz, 2x2-MB L2 cache, 800-MHz FSB)	X	X
Intel Pentium D 925 Processor (3.0-GHz, 2x2-MB L2 cache, 800-MHz FSB)	X	X
Intel Pentium D 935 Processor (3.2-GHz, 2x2MB L2 cache, 800-MHz FSB)	X	X
Intel Pentium D 945 Processor (3.4-GHz, 2x2-MB L2 cache, 800-MHz FSB)	X	X
Intel Core 2 Duo Processors:		
Intel Core 2 Duo E4300 Processor (1.80-GHz, 2 MB L2 cache, 800-MHz FSB)	X	X
Intel Core 2 Duo E4400 Processor (2.00-GHz, 2 MB L2 cache, 800-MHz FSB)	X	X
Intel Core 2 Duo E4500 Processor (2.20-GHz, 2 MB L2 cache, 800-MHz FSB)	X	X
Intel Core 2 Duo E6300 Processor (1.86-GHz, 2 MB L2 cache, 1066-MHz FSB)	X	X
Intel Core 2 Duo E6320 Processor (1.86-GHz, 4 MB L2 cache, 1066-MHz FSB)	X	X
Intel Core 2 Duo E6400 Processor (2.13-GHz, 2 MB L2 cache, 1066-MHz FSB)	X	X
Intel Core 2 Duo E6420 Processor (2.13-GHz, 4 MB L2 cache, 1066-MHz FSB)	X	X
Intel Core 2 Duo E6600 Processor (2.40-GHz, 4 MB L2 cache, 1066-MHz FSB)	X	X
Intel Core 2 Duo E6700 Processor (2.66-GHz, 4 MB L2 cache, 1066-MHz FSB)	X	X

* Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families.



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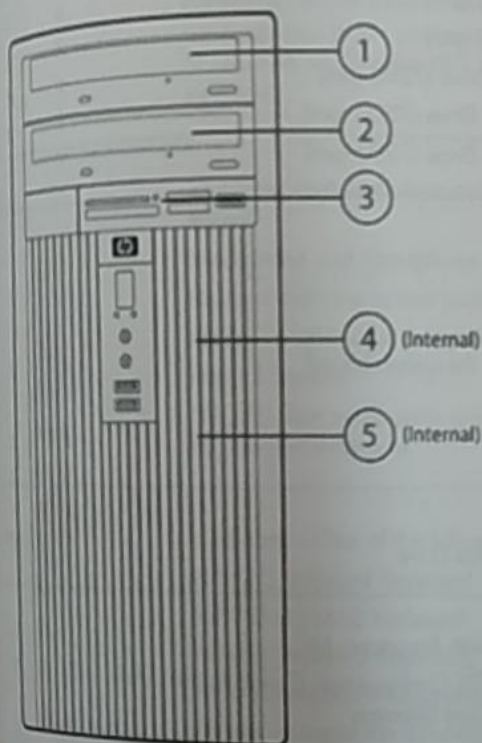
QuickSpecs

HP Compaq dc5700 Business PC

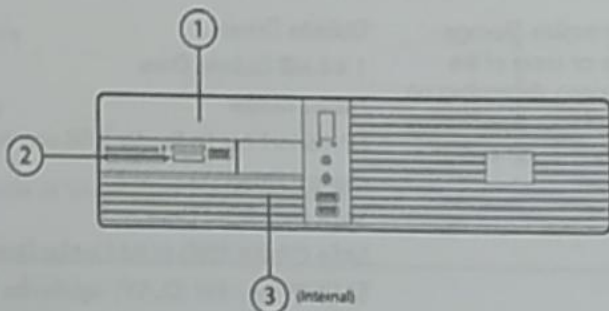
Standard Features and Configurable Components

	Microtower	Small Form Factor
Power Supply	25W	25W
PCI slots	2 Full Length 5V 32 bit PCI slots	2 LP 5V 32 bit PCI slots
PCI slots	1	1
Max power per slot	10W	10W
PCIe x1 slot	1	1
Max power per slot	1	1
SDVO/ADD2 slot	1	1
External Bays	2	1
3.5"	2	1
5.25"	2	1
IDE	2	1
Internal 3.5" HDD		
Bays	SATA	SATA
Hard Drive Controller (SATA) Supported	SATA 3.0Gb/s	SATA 3.0Gb/s
Hard Drive Interfaces Supported		

Microtower



Small Form Factor



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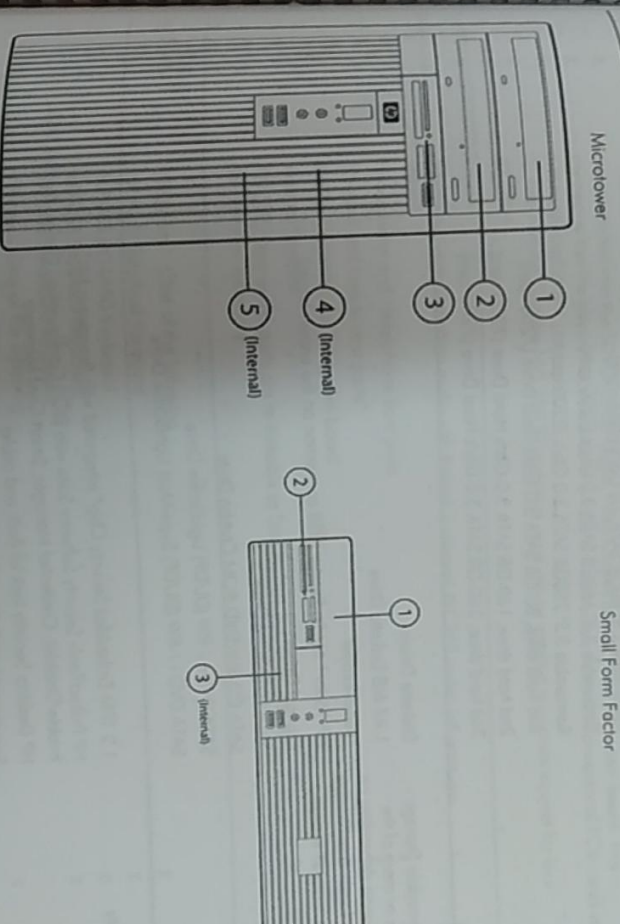


Quick Specs

HP Compaq dc5700 Business PC

Standard Features and Configurable Components

Component	Microtower	Small Form Factor
Processor	Intel® Core™ 2 Duo E6700 (3.0 GHz)	Intel® Core™ 2 Duo E6700 (3.0 GHz)
Memory	2 GB (2 x 1 GB) DDR2-667	2 GB (2 x 1 GB) DDR2-667
Hard Drive	160 GB SATA 3.0 Gb/s	160 GB SATA 3.0 Gb/s
Optical Drive	None	None
Expansion Slots	2 Full Length 5V 32 bit PCI slots	2 LP 5V 32 bit PCI slots
Power Supply	25W	25W
Power Consumption	10W	10W
Operating System	Windows Vista Business	Windows Vista Business
Keyboard	Standard	Standard
Mouse	Standard	Standard
Ports	4 USB 2.0, 1 FireWire, 1 eSATA, 1 Serial, 1 Parallel	4 USB 2.0, 1 FireWire, 1 eSATA, 1 Serial, 1 Parallel
Dimensions	17.5" x 17.5" x 17.5"	17.5" x 17.5" x 17.5"
Weight	15.5 lbs	15.5 lbs
Warranty	3 Year Business Next Business Day Onsite	3 Year Business Next Business Day Onsite



QuickSpecs

HP Compaq dc5700 Business

Standard Features and Configurable Components

Storage - Drive Support	Microtower			Small Form Factor		
	Media Card Reader or Diskette Drive (optional)	5.25" Serial ATA Devices	3.5" Serial ATA Devices	Media Card Reader or Diskette Drive (optional)	5.25" Serial ATA Devices	3.5" Serial ATA Devices
Quantity Supported	1	2	2	1	1	2
Position Supported	③	①, ②	③, ④, ⑤	②	①	②, ③
Controller	USB/Diskette	SATA	SATA	USB/Diskette	SATA	SATA

Hard Drive One or two of the following	80-GB SATA 3.0-Gb/s Hard Drive (7200 rpm)	MT
	160-GB SATA 3.0-Gb/s Hard Drive (7200 rpm)	X
	250-GB SATA 3.0-Gb/s Hard Drive (7200 rpm)	X
	80-GB SATA 3.0-Gb/s Hard Drive (10,000 rpm)	X
	160-GB SATA 3.0-Gb/s Hard Drive (10,000 rpm)	X
	Removable 3.5" 80GB SATA 3.0 Gb/s (7200 rpm)	X
	Removable 3.5" 160GB SATA 3.0 Gb/s (7200 rpm)	X
	Removable 3.5" 250GB SATA 3.0 Gb/s (7200 rpm)	X
	2nd hard drive, 80-GB SATA 3.0-Gb/s Hard Drive (7200 rpm)	X
	2nd hard drive, 160-GB SATA 3.0-Gb/s Hard Drive (7200 rpm)	X
2nd hard drive, 250-GB SATA 3.0-Gb/s Hard Drive (7200 rpm)	X	

Removable Storage - One or more of the following depending on form factor (see Storage - Drive Support section above)	Diskette Drives	
	1.44-MB Diskette Drive	
	Media Reader	X
	HP 16-in-1 Media Reader (USB connection on the system board)	
	Optical Drives	X
	SATA DVD-ROM Drive	
	SATA CD-RW/DVD-ROM Combo Drive	X
SATA DVD+/-RW (DL/DF) LightScribe Drive	X	
SATA DVD+/-RW (DL/DF) SuperMulti LightScribe Drive	X	

Security	1.2 TPM Embedded Security Chip* integrated with Broadcom NIC	X
	HP ProtectTools Security Software Suite with BIOS Configuration (Serial, Parallel, USB Enable/Disable), Credential Manager, Smart Card Manager	X
	HP Desktop Security lock kit (lock and cable)	X
	Security cable with Kensington lock	X

* TPM module disabled where use is restricted by law; for example, Russia.



QuickSpecs

HP Compaq dc5700 Business PC

Network Features and Configurable Components

Broadcom 5755 Gigabit Ethernet integrated on system board X X
 Intel PRO/1000 PT PCIe Gigabit NIC Card X X

Wireless A+G PCI Card (full height bracket) X
 Wireless A+G PCI Card (low profile bracket) X

2006 Agere PCI 56K International SoftModem (full height) X
 2006 Agere PCI 56K International SoftModem (low profile) X

Integrated Intel Graphics Media Accelerator 3000 X X
 DVI ADD2 SDVO single head Graphics Adapter (SDVO connector) * X X
 NVIDIA Quadro NVS 280 64-MB PCI dual head VGA** X X
 NVIDIA Quadro NVS 55 64MB PCI low profile DVI w/TV-Out X X
 NVIDIA GF 8400GS 256MB dual head graphics adapter (PCIe x1) X X

NOTES:

* The dc5700 supports Normal (or Non-reversed) layout ADD2 (Advanced Digital Display 2) adapter cards inserted into the SDVO (Serial Digital Video Output) connector on the system board. This connector has the physical appearance of a PCIe x16 connector; however, conventional PCIe cards are not supported in this connector.

** Two NVIDIA Quadro NVS 280 PCI graphics cards can be installed to provide support for four monitors.

Integrated High Definition audio with Realtek 2 channel ALC260 codec (all ports are stereo) X X

Microphone and Headphone front ports X X

Line-out and Line-In rear ports* X X

Aux Input connection on system board X X

Internal Speaker

*NOTE: Rear audio ports are re-taskable as Line-in, Line-out, or Microphone-in. External speakers must be powered externally.

Input Devices

Keyboard – One of the following X X

HP PS/2 Standard Keyboard X X

HP USB BG1650 Keyboard X X

HP USB Standard Keyboard X X

HP USB Smartcard Keyboard X X

Mouse – One of the following X X

PS/2 2-Button Scroll Mouse X X

PS/2 2-Button Optical Scroll Mouse X X

USB 2-Button Optical Scroll Mouse X X



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QuickSpecs

HP Compaq dc5700

Standard Features and Configurable Components

Miscellaneous

- HP FireWire / IEEE 1394 PCI Card (full height)
- HP FireWire / IEEE 1394 PCI Card (low profile)
- 2nd serial port adapter
- 2nd serial port adapter (low profile)
- Tower stand
- 1-GB Flash Module for ReadyBoost

Printer Options (availability may vary by region)

	MT	SFF	Part Number
Wireless LAN			
HP Wireless A+G PCI Card (North America only)	X	X	EA118AA
HP Wireless A+G PCI Card (WW except North America)	X	X	PZ928AA
HP BT450 USB Bluetooth Wireless Printer and PC Adapter	X	X	1PQ639A
NICs			
Broadcom NetXtreme Gigabit Ethernet PCIe NIC Card	X	X	EAB33AA
Intel PRO/1000 PT PCIe Gigabit NIC Card	X	X	EH352AA
Modem			
Agere 2006 PCI 56K International Modem	X	X	EK694AA

Single head solutions

DVI ADD2 Graphics Card (SDVO connector)*	X	X	DY674A
NVIDIA Quadro NVS 55 64MB PCI DVI w/TV Out	X	X	EK561AA

Multi head solutions

NVIDIA Quadro NVS 280 PCI Graphics Card	X	X	DY599A
HP DMS59 DVI Dual-head Connector Cable	X	X	DL139A

*NOTE: The dc5700 supports Normal (or Non-reversed) layout ADD2 (Advanced Digital Display 2) adapter cards inserted into the SDVO (Serial Digital Video Output) connector on the system board. This connector has the physical appearance of a PCIe x16 connector; however, conventional PCIe cards are not supported in this connector.

HP 80-GB SATA 3.0-Gb/s Hard Drive	X	X	PY276AA
HP 160-GB SATA 3.0-Gb/s Hard Drive	X	X	PY277AA
HP 250-GB SATA 3.0-Gb/s Hard Drive	X	X	PY278AA

Output Devices			Part Number
HP PS/2 Standard Keyboard	X	X	DT527A
HP USB Standard Keyboard	X	X	DT528A
HP USB BG1650 Standard Keyboard	X	X	DT529A
HP USB Smartcard Keyboard	X	X	ED707AA
HP PS/2 2-Button Scroll Mouse	X	X	DD440B
HP PS/2 2-Button Optical Scroll Mouse	X	X	EY703AA
HP USB 2-Button Optical Scroll Mouse	X	X	DC172B

QuickSpecs

HP Compaq dc5700 Business PC

Market Options (availability may vary by region)

Category	Option	Column 1	Column 2	Part Number
Security	Kensington lock			
	HP Business PC Security Lock	X	X	PC766A
	HP USB Biometric Fingerprint Reader	X	X	EV265AA
	HP USB Smartcard Keyboard	X	X	EM717AA
Manageability	HP Client Configuration Manager, Premium Edition	X	X	ED707AA
	HP Client Configuration Manager, Premium Edition			T3488AA (use T3489AA for 1000 licenses)
	Altiris Client Management Suite Level 1	X	X	DR605A (use DR606A for 1000+ licenses)
	Includes:			
	Altiris Deployment Solution			
	Altiris Inventory Solution			
	Altiris Application Metering Solution			
Altiris Carbon Copy Solution				
Altiris Software Delivery Solution				
Altiris Application Management Solution				
Altiris Patch Management Solution				
Miscellaneous Accessories	HP 2nd Serial Port adapter	X	X	PA716A
	Belken USB to Serial Adapter	X	X	EM449AA
	HP FireWire / IEEE 1394 PCI Card	X	X	PA997A

QuickSpecs

HP Compaq dc5700 Business

Technical Specifications

Unit Environment and Operating Conditions	Microtower	Small Form Factor
General Unit Operating Guidelines		
<ul style="list-style-type: none"> Keep the computer away from excessive moisture, direct moisture and the extremes of heat and cold, to ensure that it is operated within the specified operating range. Leave a 10.2 cm (4 in) clearance on all vented sides of the computer to permit the required airflow. Never restrict airflow into the computer by blocking any vents or air intakes. Do not stack computers on top of each other or place computers so near each other that they are subject to each other's circulated or preheated air. Occasionally clean the air vents on the front, back, and any other vented side of the computer. Lint, dust and other foreign matter can block the vents and limit the airflow. If the computer is to be operated within a separate enclosure, intake and exhaust ventilation must be provided on the enclosure, and the same operating guidelines listed above will still apply. 		
Temperature Range	Operating: 50° to 95° F (10° to 35° C)* Non-operating: -22° to 140° F (-30° to 60° C)	
Relative Humidity	Operating: 10% to 90% (non-condensing at ambient) Non-operating: 5% to 95% (non-condensing at ambient)	
Maximum Altitude (unpressurized)	Operating: 10,000 ft (3048 m) Non-operating: 30,000 ft (9144 m)	
*NOTE: Operating temperature is de-rated 1.0 deg C per 300 m (1000 ft) to 3000 m (10,000 ft) above sea level, no direct sustained sunlight. Maximum rate of change is 10 deg C/Hr. The upper limit may be limited by the type and number of options installed.		

	Microtower		Small Form Factor	
	300-watt BTX power supply - Passive PFC 115v/230v line switch	300-watt 80 PLUS* BTX power supply - Active PFC	240-watt BTX power supply - Passive PFC 115v/230v line switch	240-watt 80 PLUS* BTX power supply - Active PFC
Operating Voltage Range	90 to 132VAC, or 180 to 264VAC	90 to 264VAC	90 to 132VAC, or 180 to 264VAC	90 to 264VAC
Rated Voltage Range	100 to 127VAC, or 200 to 240VAC	100 to 240VAC	100 to 127VAC, or 200 to 240VAC	100 to 240VAC
Rated Line Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Operating Line Frequency Range	47-63 Hz	47-63 Hz	47-63 Hz	47-63 Hz
Rated Input Current	8A/4A	5A/2.5A	6A/3A	3.5A/1.75A
Heat Dissipation	Typical 315 btu/hr (79 kg-cal/hr) Maximum 1575 btu/hr (397 kg-cal/hr)	Typical 270 btu/hr (68 kg-cal/hr) Maximum 1280 btu/hr (322 kg-cal/hr)	Typical 315 btu/hr (79 kg-cal/hr) Maximum 1260 btu/hr (317 kg-cal/hr)	Typical 270 btu/hr (68 kg-cal/hr) Maximum 1025 btu/hr (258 kg-cal/hr)
Power Supply Fan	Variable speed fan	Variable speed fan	Variable speed fan	Variable speed fan
ENERGY STAR Compliant		X		X
FEMP Standby Power Compliant (<2W in S5 - Power Off)**	X	X	X	X



QuickSpecs

HP Compaq dc5700 Business PC

Technical Specifications

Power Consumption in ES Mode – Suspend to RAM (S3) (Instantly Available PC)	<4W	<3W	<4W	<3W
Environmental and Mechanical Engineering Support Center (EMESC) – Intranet Web Site only	http://env-webserver.ccm.hp.com/EMESC/default.htm			

NOTES:
 • This 80% efficient power supply is a requirement for ENERGY STAR compliance in conjunction with a select range of processors and modules.
 • Power consumption in the Off/Apparent Off mode is measured and reported with the network interface controller "Wake on LAN" feature disabled in F10 Setup (default is "enabled").

BIOS Information

Key features of the HP BIOS in the dc5700 include:

- **Deployment and manageability** – HP BIOS provides several technologies that help integrate the HP Business desktop computer into the enterprise, such as PXE, remote configuration, remote control, and F10 Setup support for 12 languages.
- **Stability** – HP BIOS supports the HP stable product roadmap by releasing only critical BIOS changes to the factory and advanced change notification.
- **Security** – HP BIOS offers a robust and flexible set of security features to help the system administrator secure their systems from removal of sensitive data, and help prevent access by unauthorized users, subversion of OS security policies, removal of hardware, flash of rogue BIOS images, and attacks on BIOS settings.
- **Thermal and power management** – The HP BIOS provides and enables thermal and power management technologies to assist in operating the HP Business Desktop computer in any enterprise environment.
- **Serviceability** – HP BIOS provides diagnostic and detailed service information.
- **Upgrades and recovery** – HP BIOS provides numerous ways to upgrade HP Business Desktop computers, including BIOS updates from within DOS (Flashlite), BIOS updates from within Windows (HPQFlash, SSM), HP Client Manager, and fail-safe recovery. In addition, the HP Business Desktop BIOS Utilities tool enables replicated BIOS setup throughout the Enterprise; it is available from within the BIOS software and from the support website.

Additional HP BIOS Features

- **Administrator password** – Also known as the setup password, this helps prevent unauthorized changes to the system configuration. If the administrator password is not known, the BIOS version cannot be changed and changes cannot be made to BIOS settings using F10 setup or under the OS.
- **Advanced Configuration and Power Interface (ACPI)** – Represents a significant innovation in power and configuration management, allowing operating systems and applications to manage power based on activity and usage. Provides power conservation features under Windows XP.
- **Ability to mute the internal speaker**



QuickSpecs

HP Compaq dc5700 Business PC

Technical Specifications

Power Consumption in ES Mode – suspend to RAM (S3) (Factory Available PC)	<4W	<3W	<4W	<3W
Environmental and Mechanical Engineering Support Center (EMESC) – Intranet Web Site only	http://env-webserver.ccm.cpqcorp.net/EMESC/default.htm			

NOTES:
• This 80% efficient power supply is a requirement for ENERGY STAR compliance in conjunction with a select range of processors and modules.
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- Thermal and power management – The HP BIOS provides and enables thermal and power management technologies to assist in operating the HP Business Desktop computer in any enterprise environment.
- Serviceability – HP BIOS provides diagnostic and detailed service information.
- Upgrades and recovery – HP BIOS provides numerous ways to upgrade HP Business Desktop computers, including BIOS updates from within DOS (Flashlite), BIOS updates from within Windows (HPQFlash, SSM), HP Client Manager, and fail-safe recovery. In addition, the HP Business Desktop BIOS Utilities tool enables replicated BIOS setup throughout the Enterprise; it is available from within the BIOS software and from the support website.

Additional HP BIOS Features

- Administrator password – Also known as the setup password, this helps prevent unauthorized changes to the system configuration. If the administrator password is not known, the BIOS version cannot be changed and changes cannot be made to BIOS settings using F10 setup or under the OS.
- Advanced Configuration and Power Interface (ACPI) – Represents a significant innovation in power and configuration management, allowing operating systems and applications to manage power based on activity and usage. Provides power conservation features under Windows XP.
- Ability to mute the internal speaker



QuickSpecs

Technical Specifications

Power Consumption in ES Mode - (dependent on RAM (S3) and optionally Available PC)	<4W	<3W	<4W	<3W
Environmental and Mechanical Engineering Support Center (EMESC) - Intranet Web Site only	http://env-webserver.ccm.hp.com/EMESC/default.htm			

NOTES:
 The 80% efficient power supply is a requirement for ENERGY STAR compliance in conjunction with a select range of processors and modules.
 Power consumption in the Off/Apparent Off mode is measured and reported with the network interface controller "Wake on LAN" feature disabled in F10 Setup (default is "enabled").

BIOS Information

Key features of the HP BIOS in the dc5700 include:

- **Deployment and manageability** - HP BIOS provides several technologies that help integrate the HP Business desktop computer into the enterprise, such as PXE, remote configuration, remote control, and F10 Setup support for 12 languages.
- **Stability** - HP BIOS supports the HP stable product roadmap by releasing only critical BIOS changes to the factory and advanced change notification.
- **Security** - HP BIOS offers a robust and flexible set of security features to help the system administrator secure their systems from removal of sensitive data, and help prevent access by unauthorized users, subversion of OS security policies, removal of hardware, flash of rogue BIOS images, and attacks on BIOS settings.
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