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HP

Compaq Pro 4300 Small Form Factor

Strong PC performance, intelligent PC design – the HP Compaq Pro 4300 Small Form Factor provides essential performance for office productivity.

hp ®

Smart design, strong performance

Windows 8 Pro or other operating systems available

Get the job done with 2nd and 3rd generation Intel® Core™ processor family and bring work to life with integrated Intel® HD Graphics.

Improve productivity with independent dual monitor support through VGA and DVI-D video outputs. Standard ports include eight USB 2.0 ports, Serial, PS/2, and RJ45 ports with the flexibility to add an optional parallel or second serial port.

Take advantage of customizable expansion options with PCI and PCI Express slots to support a variety of accessory cards. Add a discrete graphics card for extra graphics performance.

Configure the system memory with up to 16GB of DDR3-1600 SDRAM. Get the storage you need with up to 1 TB hard disk drive.
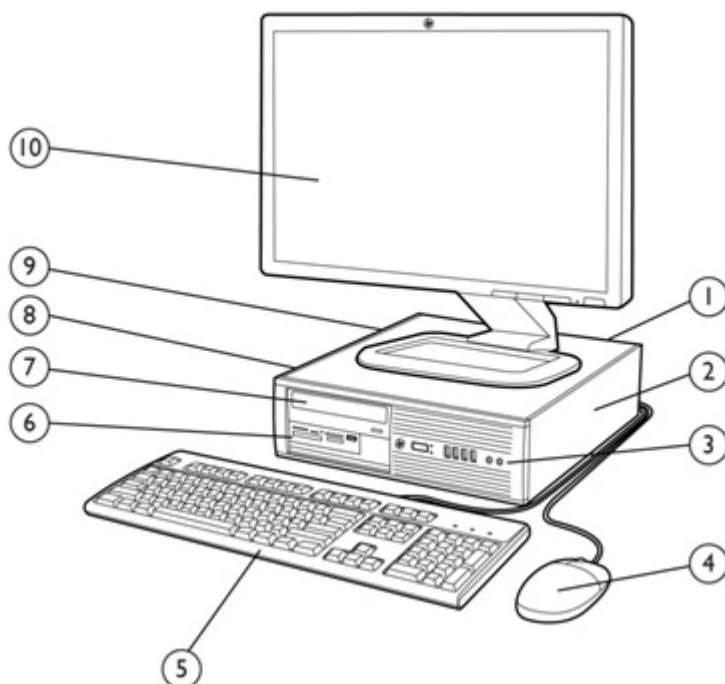
Access major components with the tool-less hood removal, tool-less drive bays and slots. Upgrade components in a snap with quick release latches, green pull tabs and color coordinated cables and connectors inside the PC.

Processors Available

Intel® Core™ i3-2120/ 3.3 GHz - RAM 4 GB - HDD 1 x 500 GB - DVD with HD Graphics 2000 - Gigabit LAN - Windows 8 Pro 64-bit - Monitor: None
Need Office 2013: 10969166, 10969162, 10969164

Intel® Core™ i3-3220/ 3.3 GHz - RAM 4 GB - HDD 1 x 500 GB - DVD with HD Graphics 2500 - Gigabit LAN - Windows 8 Pro/Windows 7 Professional 64-bit downgrade - pre-installed: Windows 7- Monitor: None
Need Office 2013: 10969166, 10969162, 10969164

Overview

1. Rear I/O includes (4) USB 2.0 ports, serial port, PS/2 mouse and keyboard ports, RJ-45 network interface, VGA and DVI-D video interfaces, and audio in/out jacks

2. Low profile expansion slots include (2) PCI slots, (1) PCI Express x1 slot, and (1) PCI Express x16 graphics slot

3. Front I/O includes (4) USB 2.0 ports, dedicated headphone output, and a microphone jack

4. HP Optical Mouse

5. HP Keyboard

6. 3.5" external drive bay supporting a media card reader

7. 5.25" external drive bay supporting an optical disk drive

8. 3.5" internal drive bay supporting a hard disk drive

9. 240W standard efficiency or 85% high efficiency Power Supply

10. HP Monitor (sold separately)

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Overview

At A Glance

- Intel® H61 Express chipset
- Intel 2nd & 3rd generation Core™ processors
- Integrated Intel HD Graphics
- Broadcom BCM 57788 Gigabit Ethernet LAN with Lightning protection
- DDR3 Synchronous Dynamic Random Access Memory (SDRAM)
- Integrated dual independent monitor support via a VGA and DVI-D video interface
- Standard efficiency, high voltage protection or 85% high efficiency energy saving power supplies available (offering will vary by geographic region)
- ENERGY STAR® qualified. EPEAT® registered where applicable/supported. See www.epeat.net for registration status by country.
- Created using industry leading Design for Environment standards
- Tailored HP Factory Express deployment and lifecycle services available (http://h71028.www7.hp.com/enterprise/cache/97688-0-0-225-121.aspx)
- Protected by HP Services, including standard warranties up to 5-5-5 (terms and conditions vary by country; certain restrictions and exclusions apply)

Standard Features and Configurable Components (availability may vary by country)

OPERATING SYSTEMS

Preinstalled

Windows 8 Pro (64-bit)*
Windows 8 (64-bit)*
Windows® 7 Ultimate (32-bit)**
Windows® 7 Ultimate (64-bit)**
Windows® 7 Professional (32-bit)**
Windows® 7 Professional (64-bit)**
Windows® 7 Professional (32-bit) (available through downgrade rights from Windows 8 Pro)***
Windows® 7 Professional (64-bit) (available through downgrade rights from Windows 8 Pro)***
Windows® 7 Home Premium (32-bit)**
Windows® 7 Home Premium (64-bit)**
Windows® 7 Home Basic (32-bit)**

FreeDOS 2.0
Novell SUSE Linux Enterprise Desktop 11

*Not all features are available in all editions of Windows 8. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8 functionality. See http://www.microsoft.com.

**Not all features are available in all editions of Windows 7. This system may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. See http://www.microsoft.com/windows/windows-7/ for details.

***This system is preinstalled with Windows® 7 Pro software and also comes with a license and media for Windows 8 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

FreeDOS

Certified	Novell SUSE Linux Enterprise Desktop 11
Supported	Windows® 7 Enterprise Edition (32-bit or 64-bit)
	Windows 8 Enterprise (32-bit or 64-bit)
	Windows 8 Pro (32-bit)
	Windows 8 (32-bit)

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Standard Features and Configurable Components (availability may vary by country)

PROCESSOR

Intel® 3rd Generation Core™ i7 Processors

Intel® Core™ i7-3770S with Intel HD Graphics 4000 (3.10 GHz, 8 MB cache, 4 cores)
8 threads, 65 W
Intel Stable Image Platform Program (SIPP)

Intel® 3rd Generation Core™ i5 Processors

Intel® Core™ i5-3570S with Intel HD Graphics 2500 (3.10 GHz, 6 MB cache, 4 cores)
4 threads, 65 W
Intel Stable Image Platform Program (SIPP)

Intel® Core™ i5-3475S with Intel HD Graphics 4000 (2.90 GHz, 6 MB cache, 4 cores)
4 threads, 65 W
Intel Stable Image Platform Program (SIPP)

Intel® Core™ i5-3470S with Intel HD Graphics 2500 (2.90 GHz, 6 MB cache, 4 cores)
4 threads, 65 W
Intel Stable Image Platform Program (SIPP)

Intel® 2nd Generation Core™ i3 Processors

Intel® Core™ i3-2130 with Intel HD Graphics 2000 (3.40 GHz, 3 MB cache, 2 cores)
4 threads, 65W

Intel® Core™ i3-2120 with Intel HD Graphics 2000 (3.30 GHz, 3 MB cache, 2 cores)
4 threads, 65W

Intel® Pentium® Processors

Intel® Pentium® G870 with Intel HD Graphics (3.10 GHz, 3 MB cache, 2 cores)
2 threads, 65 W

Intel® Pentium® G860 with Intel HD Graphics (3.00 GHz, 3 MB cache, 2 cores)
2 threads, 65 W

Intel® Pentium® G640 with Intel HD Graphics (2.80 GHz, 3 MB cache, 2 cores)
2 threads, 65 W

Intel® Celeron® Processors

Intel® Celeron® G550 with Intel HD Graphics (2.60 GHz, 2 MB cache, 2 cores)
2 threads, 65 W

Intel® Celeron® G540 with Intel HD Graphics (2.50 GHz, 2 MB cache, 2 cores)
2 threads, 65 W

Intel® Celeron® G460 with Intel HD Graphics (1.80 GHz, 1.5 Mb cache, 1 core)
2 threads, 65 W

CHIPSET

Intel® H61 Express

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Standard Features and Configurable Components (availability may vary by country)

SMBIOS

System Management BIOS, previously known as DMI BIOS, is used to store system management information.

GRAPHICS

Integrated on all models (depends on processor)

Intel HD Graphics: Basic, 2000, 2500, 4000

NOTE: Models with Intel Core i3/i5/i7 processors include HD 2000, 2500or 4000 graphics. Models with Pentium or Celeron processors include HD graphics. Please see specific processors for graphics configuration.

Discrete

AMD Radeon HD 6350 (512 MB) PCIe x16
AMD Radeon HD 7450 (1 GB) PCIe x16
NVIDIA NVS 300 (512 MB) PCIe x16
NVIDIA NVS 310 (512 MB) PCIe x16

Adapters and Cables

HP DisplayPort to DVI-D Adapter
HP DisplayPort to HDMI Adapter
HP DisplayPort to VGA Adapter
HP DisplayPort Cable
HP DMS-59 to Dual DVI Y-Cable

STORAGE

SATA Hard Drive

250 GB, 7200 rpm, SATA 6.0 Gb/s, SMART IV
500 GB, 7200 rpm, SATA 6.0 Gb/s, SMART IV
1 TB, 7200 rpm, SATA 6.0 Gb/s, SMART IV

SATA Solid State Drive

120 GB, SATA, Solid State Drive
128 GB, SATA, Solid State Drive
256 GB, SATA, Solid State Drive

Optical Disc Drive

HP SATA DVD-ROM
HP SATA SuperMulti DVD Writer
HP SATA Blu-ray Writer
No included ODD

Media Card Reader

HP 22-in-1 (optional)

Standard Features and Configurable Components (availability may vary by country)

MEMORY

Type

Non-ECC, DDR3 SDRAM, 1600 MHz, DIMM(runs at 1333 MHz due to chipset)

Maximum

16 GB

# of Slots

2

NOTE: Full availability of 4 GB or more of memory requires a 64-bit operating system. With Windows 32-bit operating systems, the amount of usable memory is dependent upon your configuration, so that above 3 GB all memory may not be available due to system resource requirements.

NETWORKING/COMMUNICATIONS

Ethernet (RJ-45)

Integrated Broadcom BCM 57788 Gigabit Ethernet LAN with Lightning protection

Intel Pro 1000 CT2 Gigabit Ethernet Network Card (optional)

NOTE: The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

Wireless

HP 802.11 b/g/n Wireless Network Card PCIe x1 (optional)

AUDIO/MULTIMEDIA

High Definition Audio with Realtek ALC221 codec (all ports are stereo)
Microphone/Headphone front ports (standard)
Line-out and Line-In rear ports (standard)
Multi-streaming capable (standard)
Internal Speaker (standard)
HP Thin USB Powered Speakers (optional)
HP USB HD 720p Business Webcam (optional)
HP Business Headset (optional)

NOTE: The audio ports/jacks provided by all HP desktop systems are 3.5mm in diameter. This would include both the front jacks and rear jacks, for audio in/out, mic in and headphone out.

Standard Features and Configurable Components (availability may vary by country)

KEYBOARDS AND POINTING DEVICES

Keyboard

HP USB Standard
HP PS/2 Standard
HP USB CCID SmartCard Keyboard
HP USB PS/2 Washable Keyboard
HP Wireless Keyboard and Mouse

Mice

HP USB Optical Mouse
HP PS/2 Optical Mouse
HP USB Laser Mouse
HP USB PS/2 Washable Scroll Mouse

STAND

HP Small Form Factor tower stand

SECURITY

SATA Port Disablement (via BIOS)
Drive Lock
Serial, Parallel, USB enable/disable (via BIOS)
Optional USB Port Disable at factory (user configurable via BIOS)
Removable Media Write/Boot Control
Power-On Password (via BIOS)
Setup Password (via BIOS)
HP Chassis Security Kit
Support for chassis padlocks and cable lock devices

POWER

240W, 85% efficient, active PFC
240W, standard efficiency, active PFC

SOFTWARE

Included	Windows 8	Windows 7
Security	HP Client Security	HP Client Security

Windows 8:
- Credential Manager
- Password Manager
- One Step Logon
- Face Recognition (with optional webcam)
- SpareKey
- Device Access Manager w/JITA
- Drive Encryption*

Computrace (user optional)**
Windows Defender

Windows 7:
- Credential Manager
- Password Manager
- One Step Logon
- Face Recognition (with optional webcam)
- SpareKey
- DigitalPass
- Device Access Manager w/ JITA
- Drive Encryption (McAfee)
- File Sanitizer
- Privacy Manager

Standard Features and Configurable Components (availability may vary by country)

		Computrace (user optional)**
		Microsoft Security Essentials
Windows Applications	Internet Explorer	Bing (Search)
	Store	
	Desktop	
	Photos	
	Mail	
	Games	
	Calendar	
	People (contacts)	
	Messaging	
	SkyDrive	
	Music	
	Video	
	Camera	
	News	
	Sports	
	Weather	
	Maps	
	Finance	
	Bing (Search)	
Productivity	Buy Office	Buy Office
HP Additions	HP Registration	Corel WinDVD 10.0 SD (DVD) Player*****
	HP Getting Started with Windows 8	Corel WinDVD 10.0 BD (Blu-Ray) Player*****
	HP ePrint***	Roxio MyDVD Business 2010*****
	HP Support Assistant	Roxio MyDVD Business 2010 HD*****
	CyberLink Media Suite Windows 8	HP Marketplace
	CyberLink Media Suite	HP Wallpaper
	CyberLink YouCam****	
	CyberLink YouCam Windows 8****	
	CyberLink Webcam Sharing Manager****	
	CyberLink PowerDVD SD, BD	
	CyberLink Power2Go	
	CyberLink Photo Director	
	CyberLink Power Director	
	HP Mobile Connect	
	Evernote	
	Skype	
Desktop Applications	HP Wireless Hotspot	PDF Complete Corporate Edition
	HP Support Assistant	WinZip Basic
	PDF Complete, corporate edition	Adobe Flash Player
HP Documentation (eDOCS)	HP eHelp Documentation	HP eHelp Documentation
	HP Hardware Reference Guide	HP Hardware Reference Guide
	HP Quick Setup & Getting Started Guide	HP Quick Setup & Getting Started Guide
	HP Regulatory and Safety Information	HP Regulatory and Safety Information
	HP Safety and Comfort Guide	HP Safety and Comfort Guide
	HP Warranty Documentation	HP Warranty Documentation
HP Support Applications	HP EUDI Support Environment	HP EUDI Support Environment
	HP Help and Support	HP Help and Support
	HP Setup v9.0	HP Recovery Manager
	HP Support Assistant	HP Setup v9.0
		HP Support Assistant

Standard Features and Configurable Components (availability may vary by country)

*Available via download
** Computrace agent is shipped turned off, and must be activated by customers when they purchase a subscription. Subscriptions can be purchased for terms ranging from one to five years. Service is limited, check with Absolute for availability outside the U.S.
*** Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter).Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.
****Preinstalled on models with webcam
*****Optional

ENVIRONMENTAL & REGULATORY

Energy Star® qualified models available

EPEAT® registered where applicable/supported. See www.epeat.net for registration status by country.

TAA compliant

For accessibility information on HP products, please visit: http://www.hp.com/accessibility

ENVIRONMENTAL

Weight	System weight 16.72 lb 7.6 kg Shipping weight 17.86 lb 8.1 kg Maximum supported weight 77 lb 35 kg
Volume	790.26 cu in (12.95 L)
Dimensions (W x D x H)	Without stand 13.3 x 14.9 x 3.95 in 33.8 x 37.85 x 10 cm Tower stand 7.01 x 7.87 x 1.12in 178 x 20 x 2.85 cm Shipping carton 19.68 x 23.38 x 9 in 49.99 x 59.385 x 22.86 cm

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Standard Features and Configurable Components (availability may vary by country)

TEMPERATURE, HUMIDITY, ALTITUDE

Temperature	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)
Altitude	Operating	0 to 10000 ft (0 to 3048 m
(unpressurized)	Non-operating	0 to 30,000 ft (0 to 9144 m)

*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.

PORTS

I/O Ports – Standard

10 – USB 2.0 (4 front, 4 rear, 2 internal)
1 – Microphone in (front)
1 – Headphone jack (front)
1 – Serial RS-232 (rear)
1 – Audio line in (rear)
1 – Audio line out (rear)
2 – PS/2 (rear)
Color coded support for keyboard (purple) and mouse (green)
1 – RJ-45 (rear)
Accesses the integrated Broadcom network interface controller
1 – VGA (rear)
1 – DVI-D (rear)
Provides integrated dual independent monitor support

I/O Ports – Optional

1 – 22-in-1 media card reader
1 – Serial (via optional adapter)
1 – Parallel (via optional adapter)

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hp invent

Standard Features and Configurable Components (availability may vary by country)

SLOTS

1 – PCIe x16
Low-profile – 2.5"
Length 6.6"
25 W maximum power

1 PCIe x1
Low-profile – 2.5"
Length 6.6"
10 W maximum power

2 PCI
Low-profile – 2.5"
Length 6.6"
25 W maximum power

BAYS

1 – 3.5" external
Available for optional Media Card Reader

1 – 5.25" external
8.19" depth for optional optical disc drive

1 – HDD internal
Available for 3.5" hard disk drive

SERVICE AND SUPPORT

On-site Warranty[Note 1:] Three-year (3-3-3) limited warranty delivers three years of on-site, next business-day[Note 2:] service for parts and labor and includes free telephone support[Note 3:] 24 x 7. Three-year onsite and labor are not available in all countries. Service offers terms up to 5 years by choosing a Carepack. To choose the right level of service for your HP product, visit HP Care Pack Central: www.hp.com/go/cpc

NOTE 1: Terms and conditions may vary by country. Certain restrictions and exclusions apply. Other warranty variations may be offered in your region.

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

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

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