HP Compaq Pro 6305 Series
Powering Progress

Power through projects on the HP Compaq Pro 6305, available in two form factors. With the latest AMD processor, advanced graphics and long lifecycle, it's one smart move.

HP recommends Windows® 7 Professional.

Budget-friendly performance boost
Deliver rich presentations with media-enhanced content on the affordably priced HP Compaq Pro 6305 Series. Loaded with the latest AMD A-series processors, you'll also benefit from up to a 21 percent productivity gain.[2]

Browse the web and enjoy smooth streaming webcast videos, trainings and video conferencing, thanks to the AMD Accelerated File Converter.[3]

Multitask by extending your view across multiple screens with a DisplayPort 1.2[4] video output.

Connect with colleagues worldwide with high quality, smooth video.[6] HP Virtual Rooms[5] and AMD's Steady Video technology make it possible.

Let Bandwidth Manager prioritize critical applications and limit interruptions. Run applications smoothly and quickly with automatic system boosts from AMD Turbo Core 3.0 technology.

Designed to fit your business
Choose from two, familiar expandable profiles: the Small Form Factor and the Microtower.

Customize how you work with various expansion slots, including PCIe x16 (Gen 2) graphics slot, two PCIe x1 (Gen 2) accessory slots and a PCI (v2.3) accessory slot for your legacy PCI expansion cards.

Save data to external devices, connect to the web and more with four front-facing USB 2.0 ports, six rear-facing USB ports, and line-in and line-out with RJ-45 Ethernet support.

Transfer data fast with system memory up to four DDR3-1600 DIMMs.[7,8] Double your storage with multiple storage drive configurations or use a convenient back-up solution.

Security and reliability — out of the box
Extend your IT investment with long, predictable lifecycles of up to 15 months.

HP BIOS Protection keeps you going with enhanced virus defenses. TPM, HP ProtectTools,[1] and self-encrypting hard drives help keep your device, data and identity safe.
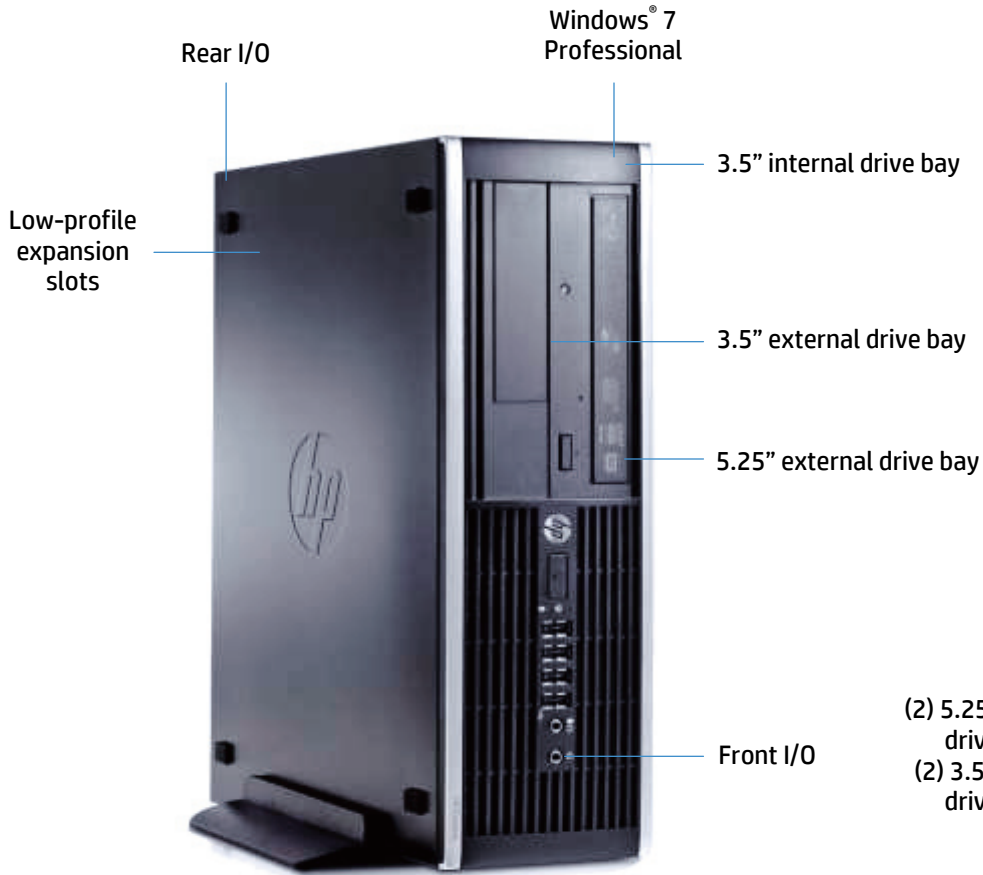
With the choice of HP Client Management solutions, you'll simplify system deployment and maintenance. The simple, cleaner HP Premier Image makes it easy to deploy in existing environments.
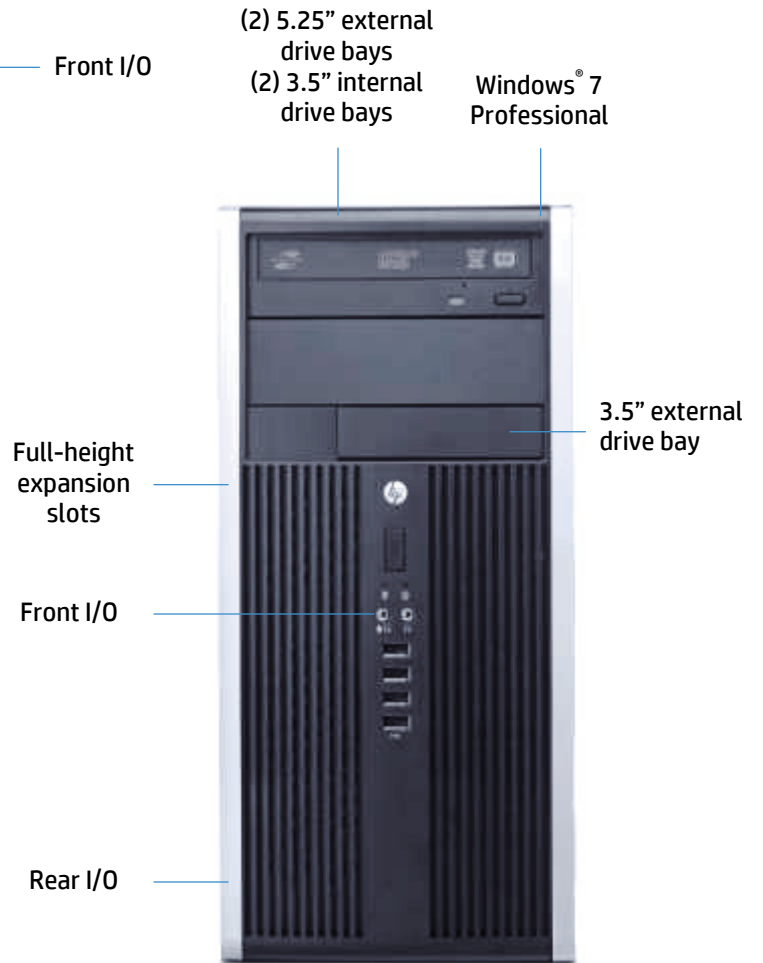
HP Compaq Pro 6305 Business PC

SPECIFICATIONS

	Small Form Factor: Pre-installed (availability varies by region): Windows® 7 Ultimate 64-bit SP1[11] Windows® 7 Professional 32-bit SP1[11] Windows® 7 Professional 64-bit SP1[11] Windows® 7 Home Basic 32-bit SP1[11] Windows® 7 Home Premium 64-bit SP1[11] FreeDOS	Microtower:
Processor[9]	AMD A-Series Quad-Core (A10-5800B, A8-5500B) and Dual-Core Processors (AMD A6-5400B, A4-5300B)	
Chipset	AMD A75	
Memory[7]	1600 MHz non-ECC DDR3 SDRAM; (4) DIMM slots enabling up to 32GB	
Internal Storage	A full range of hard disk and solid state storage drives, including some with self-encrypting capabilities.	
Removable storage[8]	Optional optical disc drives and a media card reader supporting data storage and backup, multi-media and software installation	
Drive bays	External: (1) 5.25", (1) 3.5" Internal: (1) 3.5"	External: (2) 5.25", (1) 3.5" Internal: (2) 3.5"
Expansion slots	(1) PCI, (1) PCI Express x1, (1) PCI Express x4, and (1) PCI Express x16	
Graphics	Integrated ATI Radeon™ 7000D Series HD Graphics (version depends on processor). Optional discrete graphics solutions from AMD and NVIDIA.	
Audio	High Definition audio system including microphone and headphone ports, line-out/line-in ports and a standard internal speaker.	
Communications	Integrated Broadcom NetXtreme Gigabit Ethernet Network Connection, or an optional Broadcom NetXtreme Gigabit Ethernet Plus PCIe card.[8] Optional wireless card also available.[8]	
Ports and Connectors	Front: (4) USB 2.0 ports, a headphone output and a microphone jack Rear: (4) USB 3.0 ports, (2) USB 2.0 ports, serial port, PS/2 mouse and keyboard ports, RJ-45 network interface, DisplayPort and VGA video interfaces, and 3.5mm audio in/out jacks	
Input Devices	A full range of optional keyboards and mice,[8] including models featuring an integrated Smartcard reader.	
Power	240W 90% efficient Active PFC Power Supply. Standard efficient PSU available in some regions	320W 90% efficient Active PFC Power Supply. Standard efficient PSU available in some regions
Security	Trusted Platform Module (TPM) 1.2, SATA port disablement (via BIOS), Drive Lock, Serial/Parallel/USB enable and disable (via BIOS), Removable media write/boot control, Power-On Password and Setup Password (via BIOS), HP Solenoid Hood Lock/Sensor, support for chassis padlocks and cable lock devices.	
Software	HP Compaq business PCs are shipped with a variety of software titles included to ensure a productive experience right out of the box. Microsoft® Office Starter 2010 Preloaded: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®. Buy Office 2010 to use the full-featured software.	
Dimensions (w x d x h)	13.3 x 14.9 x 4 in 338 x 379 x 100 mm	7 x 17 x 14.9 in 177 x 431 x 377 mm
Warranty and Services[10]	3/3/3-year limited warranty, including telephone support 24/7; terms and conditions may vary by country and region; other HP Care Pack Services[7] available, see **hp.com/go/lookuptool**.	

HP Compaq Pro 6305 Business PC

Rear I/O

Windows® 7
Professional

3.5" internal drive bay

Low-profile
expansion
slots

3.5" external drive bay

5.25" external drive bay

Front I/O

Small Form Factor PC

(2) 5.25" external
drive bays
(2) 3.5" internal
drive bays

Windows® 7
Professional

3.5" external
drive bay

Full-height
expansion
slots

Front I/O

Rear I/O

Microtower PC

1. HP ProtectTools requires Microsoft Windows.
2. Based on the SYSMark 2007 test comparing the AMD A-series processor (A10-5800B) performance to the B99 processor on the predecessor HP 6005 Pro.
3. Internet service required, and not included.
4. DisplayPort 1.2 is embedded in the platform.
5. Only available in the Americas region. Optional feature (AMO). Download required with purchase of subscription and license key. Internet service required. See **hp.com/go/connectsolutions** for details.
6. Performance may vary dependent upon network bandwidth.
7. Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
8. Sold separately or as an optional feature.
9. Processor model numbering is not a measurement of clock speed.
10. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. HP Care Pack Services extend service contracts beyond the standard warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at **hp.com/go/lookuptool**. Additional HP Care Pack Services information by product is available at **hp.com/services/carepack**.
11. System may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. Not all features are in all editions of Windows 7. See **microsoft.com/windows/windows-7/** for details.

Please see the product QuickSpecs document for additional detailed specifications and information. See **hp.com/go/businessdesktopPCs** for more information about HP Business Desktop PCs.

4AA4-3442ENA, Created September 2012