

Datasheet

HP ProDesk 600 G1 Tower PC



Productivity and manageability in one

Productivity and manageability in one. Give busy workers the edge they need to stay ahead. This PC's solid-state hybrid drive responds to the speed of work and opens applications right away. Powerful security and business-class management software frees up IT staff time.



HP recommends Windows.

Less waiting around

- Speedy and responsive to keep pace with your multitasking. Quickly open new files and switch applications with less wait time, thanks to an optional solid-state hybrid drive.¹
- Power through your day with greater speed and performance. Get the latest in processing technology with your choice of 4th generation Intel® Core™ processors.²
- Easily share your internet connection with your devices and help colleagues get online fast with HP Wireless Hotspot.³

Keep everything in sight

- Watch your inbox while working on other tasks. There's plenty of screen room for all of your work with support for multiple displays.⁴
- Make the most of virtual conferencing. Bring work to life through rich sound and video with DTS Sound+ and an HD webcam.^{5, 6}
- Keep your most important devices easily connected. Access and transfer data fast with two front USB 3.0 ports.
- Share presentations, videos, and other content—no cables needed. WiDi Intel® Wireless Display lets you connect your ProDesk to projectors and other WiDi-ready devices.⁷
- Put in more face time. You're ready for web chats and conferences with Skype™ pre-configured on your HP ProDesk 600 G1. It's almost as good as being there.^{5, 6}

Hassle-free security and management

- HP Client Security software suite helps you quickly and easily encrypt your hard drive, permanently delete unwanted or discarded data⁸, restrict unauthorized access, and more.⁹
- Stay up and running. HP BIOS Protection¹⁰ offers enhanced protection against virus attacks and other security threats, and is designed to help prevent data loss and reduce downtime.
- You can help safeguard your data with easy backup and recovery, using HP Recovery Manager.¹¹
- Securely store all of your passwords and speed up access to your favorite password protected applications with HP Password Manager.¹²
- Get right to the updates you need and spend less time managing updates with HP Support Assistant.

Plan with confidence

- Get more out of your investment. The HP ProDesk 600 G1 is designed for a long lifecycle, with platform stability up to 30 months.
- HP ProDesk PCs are rigorously tested to help ensure reliability. During the HP Total Test Process, our PCs experience 115,000 hours of performance trials to help get you through your business day.
- Add a little style to the workplace. HP business PCs feature a new industrial design with rounded edges and other features to help the system look newer for longer.

HP ProDesk 600 G1 Tower PC Specifications Table

HP recommends Windows.



Form Factor	Microtower
Available Operating System	Windows 8.1 Pro 64 Windows 8.1 Pro for Education 64 Windows 8.1 64 Windows 7 Professional 32 Windows 7 Professional 64 Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro) Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro) SUSE Linux Enterprise Desktop 11 FreeDOS 2.0
Available Processors	Intel® Core™ i7-4790 with Intel HD Graphics 4600 (3.6 GHz, 8 MB cache, 4 cores); Intel® Core™ i7-4771 with Intel HD Graphics 4600 (3.5 GHz, 8 MB cache, 4 cores); Intel® Core™ i7-4770 with Intel HD Graphics 4600 (3.4 GHz, 8 MB cache, 4 cores); Intel® Core™ i5-4690 with Intel HD Graphics 4600 (3.5 GHz, 6 MB cache, 4 cores); Intel® Core™ i5-4670 with Intel HD Graphics 4600 (3.4 GHz, 6 MB cache, 4 cores); Intel® Core™ i5-4590 with Intel HD Graphics 4600 (3.3 GHz, 6 MB cache, 4 cores); Intel® Core™ i5-4570 with Intel HD Graphics 4600 (3.2 GHz, 6 MB cache, 4 cores); Intel® Core™ i3-4360 with Intel HD Graphics 4600 (3.7 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4350 with Intel HD Graphics 4600 (3.6 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4340 with Intel HD Graphics 4600 (3.6 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4330 with Intel HD Graphics 4600 (3.5 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4160 with Intel HD Graphics 4400 (3.6 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-4150 with Intel HD Graphics 4400 (3.5 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-4130 with Intel HD Graphics 4400 (3.4 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3450 with Intel HD Graphics (3.4 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3440 with Intel HD Graphics (3.3 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3430 with Intel HD Graphics (3.3 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3420 with Intel HD Graphics (3.2 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3250 with Intel HD Graphics (3.2 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3240 with Intel HD Graphics (3.1 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3220 with Intel HD Graphics (3 GHz, 3 MB cache, 2 cores); Intel® Celeron® G1840 with Intel HD Graphics (2.8 GHz, 2 MB cache, 2 cores); Intel® Celeron® G1830 with Intel HD Graphics (2.8 GHz, 2 MB cache, 2 cores); Intel® Celeron® G1820 with Intel HD Graphics (2.7 GHz, 2 MB cache, 2 cores)
Chipset	Intel® Q85 Express
Maximum Memory	Up to 32 GB 1600 MHz DDR3 SDRAM Standard memory note: For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system.
Memory slots	4 DIMM
Internal Storage	320 GB up to 2 TB SATA (7200 rpm) 500 GB up to 1 TB SATA (10000 rpm) 500 GB up to 1 TB SATA SSHD 120 GB up to 256 GB SATA SSD 120 GB up to 256 GB SATA SED 120 GB up to 256 GB SATA SE SSD up to 128 GB Turbo Drive (M.2 PCIe SSD)
Optical Storage	Slim SATA Blu-ray writer; Slim SATA SuperMulti DVD writer; Slim SATA DVD-ROM
Available Graphics	Integrated: Intel HD Graphics 4000; Intel HD Graphics 4600; AMD Radeon HD 8350 (1 GB); AMD Radeon HD 8490 (1 GB); AMD Radeon R9 255 (2 GB); NVIDIA NVS 310 (512 MB); NVIDIA NVS 315 (1 GB); NVIDIA GeForce GT 630 (2 GB) Discrete: AMD Radeon™ HD 8350 (1 GB); AMD Radeon™ HD 8490 (1 GB); AMD Radeon™ R9 255 (2 GB); 2 NVIDIA® NV5™ 310 (512 MB); NVIDIA® NV5™ 315 (1 GB); NVIDIA® GeForce® GT 630 (2 GB) (Intel® HD Graphics integrated on processor)
Audio	DTS Sound+™ audio management technology, HD audio with Realtek ALC221 codec (all ports are stereo), microphone and headphone front ports (3.5 mm), line out and line in rear port (3.5 mm), multi-streaming capable, internal speaker
Communications	Integrated Intel i217LM GbE; Intel Ethernet i210-T1 PCIe GbE (optional); HP WLAN 802.11 a/g/n (2x2) DualBand PCIe x1 Card (optional); Intel Centrino Advanced-N 6205 802.11a/b/g/n PCIe Wireless (optional); Intel Wireless-N 7260 802.11a/b/g/n PCIe (optional); Intel 802.11a/b/g/n 7260 wireless mini card with Bluetooth® combo (optional)
Expansion Slots	3 PCIe x1; 1 PCIe x16
Ports and Connectors	4 USB 3.0; 6 USB 2.0; 1 serial; 2 PS/2; 1 VGA; 2 DisplayPort; 1 audio in; 1 audio out; 1 RJ-45; 1 headphone; 1 microphone (Optional: 1 serial; 1 parallel)
Internal Drive Bays	One 6,35 cm (2.5"); Two 8,9 cm (3.5")
External Drive Bays	One 8,9 cm (3.5"); One slimline; One 13,3 cm (5.25")
Available Software	Computrace (status tracing); Device access manager; Drive encryption; File sanitizer (Activated using wizard); Disk Sanitizer (external version); Microsoft Security Essentials (Windows 7); Microsoft Defender (Windows 8); Secure Erase (Windows 8); CyberLink Power2Go (secure burn); HP ePrint driver; HP PageLift; HP Support Assistant (for models with Windows 7); HP Recovery Disk Creator (for models with Windows 7); HP Recovery Manager (for models with Windows 8); HP QuickStart; Adobe® Flash® Player (for models with Windows 7); Bing Search for Internet Explorer 10 (for models with Windows 7); Bing Search (for models with Windows 8); PDF Complete (for models with Windows 7); PDF Complete, Corporate Edition (for models with Windows 8); Skype; Buy Office
Security Management	Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Drive lock; Intel® Identify Protection Technology (IPT); 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 (1 bay) Security Kit; Solenoid Hood Lock / Sensor; Support for chassis padlocks and cable lock devices
Management Features	Intel Standard Manageability (select models)
Power	320W standard efficiency, 92% efficient, active PFC
Dimensions	17 x 44.2 x 39.9 cm
Weight	Starting at 9.3 kg (Exact weight depends on configuration)
Environmental	Low halogen
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® Gold registered configurations available
Warranty	3-year limited warranty including 3 years of parts, labour, and next-business-day onsite service. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Accessories and services (not included)

HP 8-GB PC3-12800 (DDR3-1600 MHz) DIMM Memory



Maximize your business PC performance with HP Memory. Upgrading your memory is a cost-effective way to boost your system performance without having to upgrade your processor.

Product number: B4U37AA

NVIDIA NVS 315 1GB Graphics Card



Get efficient dual-display graphics performance in a PCI Express low-profile graphics card with the NVIDIA NVS 315 PCIe x16 1 GB Graphics Card, an ideal desktop graphics solution for professional business and commercial applications.

Product number: E1C65AA

HP Slim 8X SATA SuperMulti Black Drive



Now you can store up to 8.5 GB of your data or record up to 4 hours of DVD-quality video on dual-layer DVD±R media with the HP Slim SuperMulti DVD Writer Drive.

Product number: QS209AA

HP 128 GB SATA 6 Solid State Drive



Boost the performance and robustness of your HP Business Desktop PC with an HP Solid State Drive. The HP Solid State Drives are a drop-in replacement for the 2.5-inch or 3.5-inch (with bracket) hard disk drive of some HP Compaq Business Desktop PCs providing many performance and durability improvements over traditional Hard Disk Drive (HDD) technology.

Product number: QV063AA

HP Wireless Keyboard and Mouse



The HP Wireless Keyboard and Mouse places advanced functionality and ease of operation at your fingertips. Stop hiding wires and regain a clutter-free work space with a cordless keyboard, cordless laser mouse and USB wireless receiver in a single package – built with the environment in mind.

Product number: QY449AA

3-year Next Business Day Onsite



Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely

Product number: U6578E

Learn more at
www.hp.eu/hpoptions

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Messaging Footnotes

¹ Solid State Hybrid Drives are an optional or add-on feature.

² Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

³ The wireless hotspot application requires an active internet connection, a separately purchased data plan and separately purchased wireless NIC card. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your internet service provider for plan details. Requires Windows.

⁴ Support for external displays as a standard feature through integrated processor-based graphics is dependent upon the particular PC platform/form factor; the actual number of displays supported will vary. An optional discrete graphics solution will be required for the support of additional displays. Additional cables required. DisplayPort with multi-stream through integrated graphics is planned to be available in fall 2013 as an integrated feature and as a web update in late summer 2013.

⁵ Internet access required.

⁶ Webcam required for video conferencing.

⁷ Integrated Intel Wi-Di feature is available on select configurations only and requires a separately purchased wireless NIC card, and a separately purchased projector, tv or computer monitor with an integrated or external Wi-Di receiver. External Wi-Di receivers connect to the projector, tv or computer monitor via a standard HDMI cable, also sold separately.

⁸ For the use cases outlined in the DOD 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Requires Disk Sanitizer, External Edition for Business Desktops from hp.com. Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled.

⁹ Requires Windows.

¹⁰ HP Tools partition with an HP BIOS required for automatic recovery. Business Desktops do not support the HP BIOS Protection auto-recovery feature.

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