

Family data sheet



# HP ProDesk 600 G1 and ProOne 600 G1 Business PCs

HP recommends Windows.



August 2013

## Productivity and manageability in one.

Give busy workers the edge they need to stay ahead. An optional solid-state hybrid drive<sup>1</sup> responds to the speed of work and opens applications right away. Powerful business-class security and management software frees up IT staff time.

### HP ProDesk 600 G1 Business PCs



**Small Form Factor**

#### Less waiting around

Speedy and responsive to keep pace with your multi-tasking. Quickly open new files and switch applications with less wait time, thanks to a solid-state hybrid drive.<sup>1</sup>

Power through your day with greater speed and performance. Get the latest in processing technology with your choice of 4th generation Intel® Core™ processors.<sup>2</sup>

Easily share your internet connection with your devices and help colleagues get online fast with HP Wireless Hotspot.<sup>3</sup>

#### 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.<sup>4</sup>

Make the most of virtual conferencing. Bring work to life through rich sound and video with DTS Sound+ and an HD webcam.<sup>5,6</sup>

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.<sup>7</sup>

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.<sup>5,6</sup>



**Tower**

#### Hassle-free security and management

HP Client Security software suite helps you quickly and easily encrypt your hard drive, permanently delete unwanted or discarded data<sup>8</sup>, restrict unauthorized access, and more.<sup>9</sup>

Stay up and running. HP BIOS Protection<sup>10</sup> 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.<sup>11</sup>

Securely store all of your passwords and speed up access to your favorite password protected applications with HP Password Manager.<sup>12</sup>

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.

## Design, productivity and security, all-in-one.

Tackle your to-do list with more efficiency and less clutter, using this All-in-One PC. Count on built-in security features and manageability to free up time for your IT team.

### HP ProOne 600 G1 All-in-One Business PC



#### Keep everything in sight

Watch your inbox while working on other tasks. There's plenty of screen room for all of your work with optional support for up to four external displays.<sup>4</sup>

Make the most of virtual conferencing. Bring work to life through immersive surround sound with deep, rich bass and crystal clear dialog using DTS Studio+ and an optional HD Webcam.<sup>5,6</sup>

#### Hassle-free security

HP Client Security suite helps you quickly and easily encrypt your hard drive, permanently delete unwanted or discarded data, restrict unauthorized access, and more.<sup>9</sup>

No more remembering passwords. HP Password Manager<sup>12</sup> lets you quickly log in to various online accounts. Now your passwords can be longer and more secure.

#### Do more by reclaiming your workspace

Stay organized and free up more room for work. This space-saving All-in-One has several stand options, and easily mounts on the wall.<sup>13</sup>

#### The hub of your mobile world

Speed up charging with a fast charging USB port. The nearly 2.8x stronger charging current helps compatible devices charge faster than standard USB 3.0 ports.<sup>14</sup>

Easily share your internet connection with your devices and help colleagues get online fast with HP Wireless Hotspot.<sup>3</sup>

Maintain tighter control over device security. Use the optional integrated near-field communications (NFC) capabilities to support custom applications such as advanced user authentication.<sup>15</sup>

#### Fast-track your performance

Quickly open new files and switch applications with less wait time thanks to solid-state and solid-state hybrid drive options.<sup>1</sup> Get the latest processing technology with a choice of 4th generation Intel® Core™ processors.<sup>2</sup>

Make better use of your workspace. HP ePrint makes wireless printing simple--no need for drivers.<sup>17</sup>

Get the team together. This Microsoft Lync qualified All-in-One is designed for productive virtual meetings with team members near and far.<sup>6,17</sup>

#### Plan with confidence

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HP ProOne 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.

Spend less time managing updates with HP Support Assistant. You can also safeguard your data with easy backup and recovery, using HP Recovery Manager.<sup>11</sup>



## HP ProDesk 600 G1 and ProOne 600 G1 Family

Series	ProDesk	ProDesk	ProOne
Model	Small Form Factor	Tower	All-in-One
<b>Operating systems</b>	Pre-installed (availability varies by region): Windows 8 Pro (64-bit)* Windows 8 (64-bit)* Windows 7 Ultimate (64-bit)** (LAR only) 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)** (LAR only) Windows 7 Home Premium (64-bit)** Windows 7 Home Basic (32-bit)**, †(LAR only) FreeDOS 2.0 Novell SUSE Linux Enterprise Desktop 11		
<b>Processors<sup>2</sup></b>	Intel® 4th Generation Core™ i5, i7 Processors - Intel® Stable Image Platform Program (SIPP) supported		
<b>Chipset</b>	Intel® 8 Series (Q85) Chipset	Intel® 8 Series (Q85) Chipset	Intel® 8 Series (Q85) Chipset
<b>Display</b>	Displays sold separately	Displays sold separately	21.5" diagonal IPS widescreen WLED backlight anti-glare LCD; maximum resolution of 1920 x 1080
<b>Webcam and microphone</b>	Webcam sold separately	Webcam sold separately	Optional integrated 2 MP webcam and dual microphone array
<b>Memory<sup>18</sup></b>	1600 MHz DDR3 SDRAM; (4) DIMM slots enabling up to 32GB, dual channel memory support <sup>19</sup>	1600 MHz DDR3 SDRAM; (4) DIMM slots enabling up to 32GB, dual channel memory support <sup>19</sup>	1600 MHz DDR3 SDRAM; (2) SODIMM slots enabling up to 16GB, dual channel memory support <sup>19</sup>
<b>Internal storage<sup>21</sup></b>	Up to 1TB SATA hard drive; up to 500GB self-encrypting solid state drive; up to 160GB solid state drive		Up to 1TB solid state hybrid drive <sup>1</sup> ; up to 2TB SATA hard drive; 500GB SATA self-encrypting drive; 256GB self-encrypting solid state drive; up to 160GB solid state drive
<b>Removable storage</b>	Slim DVD-ROM drive <sup>21</sup> , Slim SuperMulti DVD drive <sup>21</sup> , Slim BDXL Blu-ray Writer drive <sup>21,22</sup>		SD Media Card Reader, Slim DVD-ROM drive <sup>21</sup> , Slim SuperMulti DVD drive <sup>21</sup>
<b>Expansion slots</b>	(3) PCI Express x1 (v2.0) (1) PCI Express x16 (v3.0)	(3) PCI Express x1 (v2.0) (1) PCI Express x16 (v3.0)	(1) MiniPCIe half-length (used by wireless LAN module) (1) MXM 3.0 Type A – 35W (1) mSATA
<b>Graphics</b>	Integrated Intel® HD Graphics; Discrete AMD Radeon HD 8350, NVIDIA NVS 310, 315, graphics optional	Integrated Intel® HD Graphics; Discrete AMD Radeon HD 8350, NVIDIA NVS 310, 315, or NVIDIA GeForce GT630 graphics optional	Integrated Intel® HD Graphics; Discrete AMD® Radeon HD 7650A 2GB DDR3 MXM graphics optional
<b>Audio</b>	DTS Studio Sound, Realtek ALC 221 Audio (all ports stereo), microphone and headphone jacks, stereo audio line out and integrated speaker		DTS Sound+, DTS Studio Sound (optional), Realtek ALC 3228 Audio – 16 & 24-bit PCM, microphone and headphone jacks, stereo audio line out and high performance integrated stereo speakers
<b>Communications</b>	Integrated Intel® I217LM Gigabit Network Connection; optional wireless LAN card available		Integrated Intel® I217LM Gigabit Network Connection; optional wireless LAN cards and Near Field Communication (NFC) available <sup>15</sup>

<b>Ports and connectors</b>	<p><b>Front:</b> (2 )USB 2.0 ports, (2) USB 3.0 ports, microphone, headphone,</p> <p><b>Rear:</b> (4) USB 2.0 ports, (2) USB 3.0 ports, stereo audio out, line in, RJ-45 Ethernet, PS/2 mouse and keyboard, VGA, (2) DisplayPort with multi-stream<sup>4</sup>, power connector, RS-232 serial port</p>	<p><b>Front:</b> (2 )USB 2.0 ports, (2) USB 3.0 ports, microphone, headphone,</p> <p><b>Rear:</b> (4) USB 2.0 ports, (2) USB 3.0 ports, stereo audio out, line in, RJ-45 Ethernet, PS/2 mouse and keyboard, VGA, (2) DisplayPort with multi-stream<sup>4</sup>, power connector, RS-232 serial port</p>	<p><b>Side:</b> (2) USB 3.0 ports (including 1 fast charging), microphone, headphone, SD media card reader (optional)</p> <p><b>Rear:</b> (2) USB 3.0 ports, (2) USB 2.0 ports, stereo audio out, RJ-45 Ethernet, PS/2 mouse and keyboard, DisplayPort with multi-stream<sup>13</sup>, power connector, RS-232 serial port</p>
<b>Input devices</b>	<p>PS/2 keyboard, USB keyboard, Wireless Keyboard and Mouse, USB CCID SmartCard keyboard, USB PS/2 Washable keyboard, PS/2 mouse, USB Optical mouse, USB 1000dpi Laser mouse, USB PS/2 Washable Scroll mouse</p>		
<b>Power</b>	<p>Internal 240W Power Supply, Active PFC, up to 92% efficient<sup>23</sup></p>	<p>Internal 320W Power Supply, Active PFC, up to 92% efficient<sup>23</sup></p>	<p>Internal 180W Power Supply, Active PFC, Up to 91% efficient</p>
<b>Security</b>	<p>TPM 1.2, SATA port disable, Drive lock, serial/parallel/USB port enable/disable, removable media write/boot control, power-on password, setup password, Solenoid Hood Lock/Sensor, support for chassis padlocks and cable lock devices</p>	<p>TPM 1.2, SATA port disable, Drive lock, serial/parallel/USB port enable/disable, removable media write/boot control, power-on password, setup password, HP Chassis (1 bay) Security Kit, Solenoid Hood Lock/Sensor, support for chassis padlocks and cable lock devices</p>	<p>USB port disable, lockable access panel with intrusion lock, lockable I/O security cover, security screw, security lock slot, Wall/Arm/Cart Mountable via VESA bracket<sup>10</sup>, Common Criteria Certified TPM 1.2, Noble Locking Plate support, support for 3M Privacy Screen, HP Keyed Cable Lock (optional)</p>
<b>Software (Windows OS only)</b>	<p>HP business PCs are shipped with a variety of software titles including HP Client Security, CyberLink Media Suite, HP ePrint Driver<sup>16</sup>, HP PageLift, HP Support Assistant<sup>9</sup>, PDF Complete, and Skype<sup>6</sup>. Buy Office.</p>		
<b>Warranty and services</b>	<p>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 available.<sup>24</sup></p>		

Please see the product QuickSpecs document for additional detailed specifications and information. See [hp.com/go/businessdesktopPCs](http://hp.com/go/businessdesktopPCs) for more information about HP Business Desktop PCs.

\*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 [microsoft.com](http://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 [microsoft.com/windows/windows-7/](http://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. Optional accessories sold separately.

‡ Planned to be available August 2013

1. Solid State Hybrid Drives planned to be available October 2013.
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 and internet access required for video conferencing, and not included.
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](http://hp.com). Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled. Requires Windows.
9. HP Tools partition with an HP BIOS required for automatic recovery. Business Desktops do not support the HP BIOS Protection auto-recovery feature.
10. Requires Windows 7.
11. Requires Internet Explorer (IE 8 or IE 9). Not all websites and applications may be supported.
12. Mounting hardware sold separately.
13. 2.8x compared to USB 3.0. 5x compared to USB 2.0. Charging times will vary by device depending on compatibility with fast charging port.
14. Near Field Communication (NFC) is planned to be available in August 2013. NFC is an optional feature. NFC authentication software solution is sold separately.
15. 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 [hpconnected.com](http://hpconnected.com)). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades.
16. Microsoft Lync software sold separately.
17. 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.
18. Dual Channel is only supported when the system is configured with DDR3 symmetric memory.
19. For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16GB (for Windows 7) and up to 36GB (for Windows 8) of system disk is reserved for system recovery software.
20. Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.
21. Blu-Ray drive XL contains new technologies; certain disc, digital connection, compatibility and performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require an HDCP path and HDCP display. HD-DVD movies cannot be played on this BDXL Drive.
22. Varies slightly depending on volt power used. 94% efficient power supply is standard on platinum PC configurations in areas that use 230v power; 92% efficient power supply is standard on platinum PC configurations in areas that use 110v/115v power.
23. 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. See [hp.com/go/cpc](http://hp.com/go/cpc) for details.

