



# HP ProDesk 600 G5 Small Form Factor PC

Powerful and ready for expansion

Powered for business, the HP ProDesk 600 SFF is a highly expandable PC featuring strong security, and comprehensive manageability features in a stylish and compact design for the modern workplace.



HP recommends Windows 10 Pro for business

- Windows 10 Pro<sup>1</sup>
- Intel® Core™ processors<sup>2</sup>

## Powerful options

- Get high-performance and expansion with 9th Gen Intel® Core™ processors<sup>2</sup> and powerful memory that supports up to 128 GB<sup>4</sup>. Amplify performance with optional Intel® Optane™ memory<sup>3</sup>, SSD storage, or discrete graphics.<sup>4</sup>

## Expansion that extends your investment

- The full value of your investment comes with expansion that extends the life of your PC. The HP ProDesk 600 SFF has two bays and two slots both with one M.2 slot for storage and plenty of configurable ports.

## Built on a secure foundation

- Protect your PC against the evolving malware threats of the future, with our self-healing, hardware-enforced, and manageable security solutions. From the BIOS to the browser, HP Sure Start Gen5<sup>5</sup> and HP Sure Click<sup>6</sup> help secure your PC.

## A long-term partner

- This work-ready PC undergoes 120,000 hours of the HP Total Test Process<sup>7</sup> Reduce airborne particulate intake with an optional dust filter<sup>4</sup> that helps extend the life of your PC.
- Power through your day with Windows 10 Pro with built-in security, collaboration, and connectivity.<sup>1</sup>
- Help lower power waste and save money with a highly-efficient power supply.
- With 11 total USB ports including one USB Type-C™, up to three video outputs, and optional Bluetooth® connectivity, the HP ProDesk 600 SFF becomes a hub for all your devices in the office.<sup>4</sup>
- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen5, the self-healing BIOS that automatically recovers itself from attacks or corruption.<sup>5</sup>
- Help protect your PC from websites, attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.<sup>6</sup>
- Keep productivity high and downtime low with HP BIOSphere Gen5 firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.<sup>8</sup>
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.<sup>9</sup>
- Simplify securing your PC. HP Client Security Manager Gen5 offers a single interface to set up and manage powerful security features, including HP SpareKey and HP Password Manager.<sup>10</sup>

## HP ProDesk 600 G5 Small Form Factor PC Specifications Table



<b>Available Operating Systems</b>	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business <sup>1</sup> Windows 10 Pro 64 (National Academic only) <sup>13</sup> Windows 10 Home 64 <sup>1</sup> FreeDOS
<b>Processor family<sup>14</sup></b>	8th Generation Intel® Core™ i3 processor (i3-8100); 8th Generation Intel® Core™ i7 processor (i7-8700); Intel® Celeron® processor (G4930 is Windows 10 only); Intel® Pentium® processor (G5420, G5600 are Windows 10 only); 9th Generation Intel® Core™ i7 processor (i7-9700); 9th Generation Intel® Core™ i9 processor (i9-9900); 9th Generation Intel® Core™ i5 processor (i5-9500, i5-9600); 9th Generation Intel® Core™ i3 processor (i3-9100, i3-9300)
<b>Available Processors<sup>19,34,36,37</sup></b>	Intel® Core™ i3-8100 with Intel® UHD Graphics 630 (3.6 GHz base frequency, 6 MB cache, 4 cores) Intel® Core™ i3-9100 with Intel® UHD Graphics 630 (3.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores) Intel® Pentium® Gold G5420 with Intel® UHD Graphics 610 (3.8 GHz base frequency, 4 MB cache, 2 cores) Intel® Celeron® G4930 with Intel® UHD Graphics 610 (3.2 GHz base frequency, 2 MB cache, 2 cores) Intel® Pentium® Gold G5600 with Intel® UHD Graphics 630 (3.9 GHz base frequency, 4 MB cache, 2 cores) Intel® Core™ i3-9300 with Intel® UHD Graphics 630 (3.7 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Core™ i5-9600 with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) supports Intel® vPro™ Technology Intel® Core™ i7-8700 with Intel® UHD Graphics 630 (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores) supports Intel® vPro™ Technology Intel® Core™ i9-9900 with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 5 GHz with Intel® Turbo Boost Technology, 16 MB cache, 8 cores) supports Intel® vPro™ Technology Intel® Core™ i5-9500 with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) supports Intel® vPro™ Technology Intel® Core™ i7-9700 with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB cache, 8 cores) supports Intel® vPro™ Technology
<b>Chipset<sup>36</sup></b>	Intel® Q370 (vPro); Intel® Q370 (non-vPro)
<b>Form factor</b>	Small form factor
<b>Maximum memory</b>	128 GB DDR4-2666 SDRAM <sup>3,4</sup> Transfer rates up to 2666 MT/s.
<b>Memory slots</b>	4 DIMM
<b>Internal storage</b>	500 GB up to 2 TB SATA HDD <sup>2</sup> 500 GB SATA SED Opal 2 HDD <sup>2</sup> 500 GB SATA SED FIPS HDD <sup>2</sup> 256 GB up to 512 GB SATA SSD <sup>2</sup> 256 GB up to 512 GB SATA SED Opal 2 SSD <sup>2</sup> 256 GB up to 512 GB SATA SED FIPS SSD <sup>2</sup> 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD <sup>2</sup> 128 GB up to 1 TB PCIe® NVMe™ TLC M.2 SSD <sup>2</sup>
<b>Storage acceleration<sup>38</sup></b>	16 GB NVMe™ Intel® Optane™ Memory for storage acceleration
<b>Optical drive<sup>15</sup></b>	HP 9.5 mm Slim DVD-Writer; HP 9.5 mm Slim DVD-ROM; HP 9.5 mm Slim Blu-ray writer
<b>Available Graphics</b>	Integrated: Intel® UHD Graphics 630; Intel® UHD Graphics 610 Discrete: NVIDIA® GeForce® GT 730 (2 GB GDDR5 dedicated); AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated) <sup>15</sup>
<b>Audio</b>	Conexant CX20632 codec, 2 W internal speaker, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
<b>Expansion slots</b>	1 M.2 2230; 1 M.2 2230/2280; 1 PCIe 3 x4; 1 PCIe 3 x16; 1 SD 4.0 media card reader <sup>20</sup> (1 M.2 slot for WLAN and 1 M.2 2230/2280 slot for storage.)
<b>Ports and Connectors</b>	Front: 1 headset connector; 1 USB 2.0; 1 USB 2.0 (fast charging); 2 USB 3.1 Gen 2; 1 USB 3.1 Type-C™ Gen 2 Rear: 1 audio-in; 1 audio-out; 1 power connector; 1 RJ-45; 2 USB 2.0; 2 DisplayPort™ 1.2; 2 USB 3.1 Gen 1; 2 USB 3.1 Gen 2 Optional: 1 DisplayPort™ 1.2; 1 HDMI 2.0; 1 parallel; 1 serial and 1 serial and PS/2 ports combination; 1 USB 3.1 Type-C™ Gen 2 (DisplayPort™); 1 VGA <sup>8,39</sup>
<b>Available Keyboards</b>	HP PS/2 Business Slim Keyboard; HP USB and PS/2 Washable Keyboard; HP USB Wired Keyboard; USB Business Slim Standalone Wired Keyboard; HP USB Business Slim Smart Card (CCID) Keyboard <sup>6</sup>
<b>Available Pointing Devices</b>	HP PS/2 Mouse; HP USB 1000 dpi Laser Mouse; HP USB and PS/2 Washable Mouse; HP USB Optical Mouse <sup>6</sup>
<b>LAN<sup>16</sup> Network Interface<sup>16</sup></b>	Intel® I210-T1 PCIe® GbE Intel® I219LM GbE
<b>WLAN<sup>5,36</sup></b>	Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® 5 M.2 PCIe®, vPro™ Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® M.2 PCIe®, non-vPro™
<b>Drive Bays</b>	1 slim ODD; One 3.5" HDD convertible to two 2.5" HDD <sup>17,22</sup>
<b>Environmental</b>	Operating temperature: 5 to 35°C; Operating humidity: 5 to 90% RH
<b>Available Software<sup>9,21,23</sup></b>	HP Hotkey Support; HP Noise Cancellation Software; HP Setup Integrated OOBE Win10; HP Support Assistant; Native Miracast Support; Buy Office (sold separately); HP JumpStarts; HP Privacy Settings
<b>Security management<sup>7,26,27,28,29,30,31,32,35</sup></b>	Absolute Persistence module; DriveLock; Hood sensor; HP BIOSphere; HP Client Security Suite; HP Power On Authentication; HP Secure Erase; HP Sure Click; HP Sure Sense; HP Sure Start; Intel® Identity Protection Technology (Intel® IPT); Master Boot Record Security; Power-on password (via BIOS); Pre-boot Authentication; RAID configurations; Removable media write/boot control; SATA port disablement (via BIOS); Serial enable/disable (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; TPM 2.0 (Firmware: 7.85) endpoint security controller (Infineon SLB9670) shipped with Windows 10. Common Criteria EAL4+ Certified. FIPS 140-2 Level 2 Certified; USB enable/disable (via BIOS); Windows Defender
<b>Management features</b>	HP BIOS Config Utility (download); HP Client Catalog (download); HP Cloud Recovery; HP Driver Packs (download); HP Image Assistant; HP Management Integration Kit for Microsoft System Center Configuration Management; HP System Software Manager (download); Update BIOS via Cloud or Network (BIOS feature) <sup>10,40</sup>
<b>Power</b>	180 W internal power supply, up to 92% efficiency, active PFC
<b>Dimensions</b>	3.7 x 10.6 x 11.7 in; 9.5 x 27 x 29.6 cm
<b>Weight</b>	9.92 lb; 4.5 kg
<b>Energy efficiency compliance<sup>11</sup></b>	ENERGY STAR® certified; EPEAT® 2019 registered where applicable
<b>Environmental specifications<sup>12</sup></b>	Low halogen

## HP ProDesk 600 G5 Small Form Factor PC

### Accessories and services (not included)

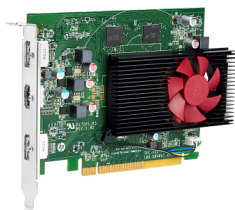
---

#### HP HDMI Port Flex IO (400/600/800)



Maximize the life of your PC as your business needs change with the flexible display connectivity of the HP HDMI Port Flex IO (400/600/800).  
**Product number: 3TK74AT**

#### AMD Radeon RX550X 4GB LP DisplayPort Card



Drive impressive graphics and high-resolution, dual-display performance in a PCI Express x16 graphics add-in card with the AMD Radeon™ RX 550X 4GB LP DisplayPort™ Card.  
**Product number: 5LH79AT**

#### HP 4 year Next Business Day Onsite Hardware Support for Desktops



HP Care Pack

When hardware issues come up, the sooner you can get running again, the better. Have expertise at the ready with HP Hardware Next Business Day Onsite Service, and vastly improve your product uptime. With high-quality remote assistance or convenient onsite support available the next business day, help is there when you need it—so you can get back to work.  
**Product number: U7899E, UE334E**

---

## HP ProDesk 600 G5 Small Form Factor PC

### Messaging Footnotes

- <sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- <sup>2</sup> 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. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering branding and/or naming is not a measurement of higher performance.
- <sup>3</sup> Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.
- <sup>4</sup> Sold separately or as an optional feature.
- <sup>5</sup> HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.
- <sup>6</sup> HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.
- <sup>7</sup> HP Total Test Process testing is not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>8</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- <sup>9</sup> HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.
- <sup>10</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>11</sup> HP Client Security Manager Gen5 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.

### Technical Specifications Footnotes

- <sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>
- <sup>2</sup> For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of system disk is reserved for the system recovery software.
- <sup>3</sup> Memory modules support data transfer rates up to 2666 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate.
- <sup>4</sup> All memory slots are customer accessible / upgradeable.
- <sup>5</sup> Wireless access point and internet service required.
- <sup>6</sup> Availability may vary by country.
- <sup>7</sup> Intel® Identity Protection Technology (Intel® IPT): Models configured with Intel® Core™ processors have the ability to utilize advanced security protection for online transactions. Intel® Identity Protection Technology (Intel® IPT) used in conjunction with participating web sites, provides double identity authentication by adding a hardware component in addition to the usual user name and password. Intel® Identity Protection Technology (Intel® IPT) is initialized through an HP Client Security module.
- <sup>8</sup> Optional: x4 serial port card.
- <sup>9</sup> Absolute Persistence module: is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
- <sup>10</sup> HP Driver Packs: not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- <sup>11</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>12</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>13</sup> Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see <https://aka.ms/ProEducation> for Windows 10 Pro Education feature information.
- <sup>14</sup> NOTE: Your product does not support Windows 8 or Windows 7. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel® and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>
- <sup>15</sup> Sold separately or as an optional feature.
- <sup>16</sup> Intel® I210-T1 PCIe® GbE: Sold separately or as an optional feature, which is subject to change and availability.
- <sup>17</sup> SFF can be configured with either (1) 3.5" or (2) 2.5" internal storage drive (2.5 inch drive needs adapter).
- <sup>18</sup> 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. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.
- <sup>19</sup> (1) SD 4.0 media card reader: Sold separately or as an optional feature.
- <sup>20</sup> Native Miracast Support: is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- <sup>21</sup> 2.5-inch drive needs adapter that can only be purchased when configuring the PC from factory with a 2.5" drive.
- <sup>22</sup> HP Support Assistant: requires Windows and Internet access.
- <sup>23</sup> Windows Defender Opt In, Windows 10, and internet connection required for updates.
- <sup>24</sup> HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.
- <sup>25</sup> HP Secure Erase: for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.
- <sup>26</sup> HP Client Security Suite: features may vary depending on the PC platform.
- <sup>27</sup> HP Sure Start: features may vary depending on the PC platform.
- <sup>28</sup> RAID configuration: sold separately or as an optional feature, multiple data drives setup in a RAID array is optional and requires product to be configured with vPro™ at purchase.
- <sup>29</sup> Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)/(FIPS 140-2 Level 2 Certified): In some scenarios, machines pre-configured with Windows OS might ship with TPM turned off.
- <sup>30</sup> Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.
- <sup>31</sup> HP Drive Lock currently is not supported on NVMe drives.
- <sup>32</sup> For full Intel® vPro™ functionality, Windows, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN card and discrete TPM 2.0 are required. See <http://intel.com/vpro>
- <sup>33</sup> Some functionality of vPro, such as Intel Active Management Technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependant on 3rd party software providers. Compatibility with future "virtual appliances" is yet to be determined.
- <sup>34</sup> Intel® Optane™ memory is sold separately. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Available for HP commercial desktops and notebooks and for select HP workstations (HP Z240 Tower/SFF, Z2 Mini, ZBook Studio, 15 and 17 G5) and requires a SATA HDD, 7th Gen or higher Intel® Core™ processor or Intel® Xeon® processor E3-1200 V6 product family or higher, BIOS version with Intel® Optane™ supported, Windows 10 version 1703 or higher, M.2 type 2280-S1-B-M connector on a PCH Remapped PCIe Controller and Lanes in a x2 or x4 configuration with B-M keys that meet NVMe™ Spec 1.1, and an Intel® Rapid Storage Technology (Intel® RST) 15.5 driver.
- <sup>35</sup> 1 configurable video port: choice of DisplayPort™ 1.2, HDMI 2.0, VGA or USB Type-C™ with Display Output.
- <sup>36</sup> HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.

Sign up for updates [hp.com/go/getupdated](http://hp.com/go/getupdated)

© Copyright 2019 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Bluetooth is a trademark of its proprietor and used by HP Inc. under license. Intel, Optane, Pentium, Celeron, vPro, the Intel logo, Intel Core, and Core Inside are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. Adobe PDF is a trademark of Adobe Systems Incorporated. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. All other trademarks are the property of their respective owners.

4AA7-5481, 2019 November 20

