



# HP ProDesk 600 G3 Small Form Factor PC

Business-ready expansion in a fresh new design

Powered for business, the HP ProDesk 600 SFF is a highly expandable PC featuring flexible connectivity options, strong security, and comprehensive manageability features in a stylishly redesigned chassis for the modern workplace.



HP recommends Windows 10 Pro.

- Windows 10 Pro<sup>1</sup>
- Intel® Core™ processors<sup>2</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, two slots, two M.2 connectors, and configurable video ports in addition to legacy ports.

#### HP exclusive security

- Help prevent data breaches and downtime with HP BIOSphere Gen3<sup>3</sup>.

#### Powerful options

- Power through your day with high-performance 7th Gen Intel® Core™ i3/i5/i7 processors<sup>2</sup> unleashed by optional Intel® Optane™<sup>4</sup> technology, up to 64 GB of DDR4 memory<sup>4</sup>, and optional graphics cards<sup>4</sup>.

#### Connection hub

- With 8 total USB ports, up to three video outputs, and optional Bluetooth™<sup>4</sup> connectivity, the HP ProDesk 600 SFF becomes a hub for all your devices in the office.

#### Featuring

- Power through your day with Windows 10 Pro and the powerful HP ProDesk 600 SFF with built-in security, collaboration, and connectivity.
- Keep productivity high and downtime low with HP BIOSphere Gen3 firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- HP Client Security Suite Gen3 features HP Multi-Factor Authenticate, HP Device Access Manager, HP SpareKey, and HP Password Manager. These tools work to keep data out of reach and defend against theft, attacks, and unauthorized users.
- Improve the quality and security of custom Windows images with HP Image Assistant which assists ITDMs with image creation, identifies problems, and provides recommendations and remediation.
- Rest easy with a PC that goes the distance and is designed to pass HP Total Test Process.
- Audio connections are easy with the Universal Audio Jack that supports mic in, headphones, and CTIA headsets with the same connector.

## HP ProDesk 600 G3 Small Form Factor PC Specifications Table



<b>Available Operating Systems</b>	Windows 10 Pro 64 – HP recommends Windows 10 Pro. <sup>1</sup> Windows 10 Home 64 <sup>1</sup> Windows 10 Home Single Language 64 <sup>1</sup> FreeDOS 2.0
<b>Processor family</b> <sup>4,5</sup>	7th Generation Intel® Core™ i3 processor (i3-7100, i3-7300, i3-7320 models); 7th Generation Intel® Core™ i5 processor (i5-7500, i5-7600 models); 7th Generation Intel® Core™ i7 processor (i7-7700 model); 7th Generation Intel® Pentium® processor (G4560, G4600, G4620 models); 7th Generation Intel® Celeron® processor (G3930, G3950 models); 6th Generation Intel® Core™ i7 processor (i7-6700 model); 6th Generation Intel® Core™ i5 processor (i5-6600, i5-6500 models); 6th Generation Intel® Core™ i3 processor (i3-6100 model)
<b>Available Processors</b> <sup>4,19,29</sup>	Intel® Core™ i7-7700 with Intel HD Graphics 630 (3.6 GHz, up to 4.2 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-7500 with Intel HD Graphics 630 (3.4 GHz, up to 3.8 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-7600 with Intel HD Graphics 630 (3.5 GHz, up to 4.1 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-7100 with Intel HD Graphics 630 (3.9 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-7300 with Intel HD Graphics 630 (4 GHz, 4 MB cache, 2 cores); Intel® Core™ i7-6700 with Intel HD Graphics 530 (3.4 GHz, up to 4.0 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-6600 with Intel HD Graphics 530 (3.3 GHz, up to 3.9 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-6500 with Intel HD Graphics 530 (3.2 GHz, up to 3.6 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-6100 with Intel HD Graphics 530 (3.7 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4560 with Intel HD Graphics 610 (3.5 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4600 with Intel HD Graphics 630 (3.6 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4620 with Intel HD Graphics 630 (3.7 GHz, 3 MB cache, 2 cores); Intel® Celeron™ G3950 with Intel HD Graphics 610 (3 GHz, 2 MB cache, 2 cores); Intel® Celeron™ G3930 with Intel HD Graphics 610 (2.9 GHz, 2 MB cache, 2 cores)
<b>Chipset</b>	Intel® Q270
<b>Form factor</b>	Small form factor
<b>Maximum memory</b>	64 GB DDR4-2400 SDRAM <sup>6</sup> Transfer rates up to 2400 MT/s
<b>Memory slots</b>	4 DIMM
<b>Internal storage</b>	128 GB up to 256 GB 2.5" SATA SSD <sup>7</sup> 500 GB up to 1 TB 2.5" SATA SSHD (5400 rpm) <sup>7</sup> 500 GB up to 2 TB 3.5" SATA HDD (7200 rpm) <sup>7</sup> 256 GB up to 512 GB 2.5" SATA SED SSD <sup>7,8</sup> 256 GB up to 1 TB HP Turbo Drive G2 TLC SSD (PCIe) <sup>7</sup> up to 1 TB 3.5" SATA SSHD (7200 rpm) <sup>7</sup> 500 GB up to 1 TB 2.5" SATA HDD (7200 rpm) <sup>7</sup> up to 500 GB 2.5" SATA SED HDD <sup>7</sup>
<b>Optical drive</b>	Slim DVD-ROM; Slim DVD-Writer
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 530; Intel® HD Graphics 630; Intel® HD Graphics 610 <sup>10,11,12,23</sup> Discrete: NVIDIA® GeForce® GT 730 HDMI (1 GB); NVIDIA® GeForce® GT 730 (2 GB, with DisplayPort™ display support)
<b>Audio</b>	Conexant CX20632 codec with universal audio jack and 2W internal speaker, headset and headphone front ports (3.5 mm), multi-streaming capable
<b>Expansion slots</b>	1 M.2 2230 for optional wireless NIC; 1 M.2 2280 for storage drives; 2 low-profile PCIe x16 (one wired as a x4) <sup>21</sup>
<b>Ports and Connectors</b>	Front: 1 SD 4 card reader (optional); 1 USB 3.1 Type-C™ (charging); 2 USB 3.1 Gen 1; 1 USB 2.0; 1 USB 2.0 (fast charging); Universal audio jack with CTIA headset support Back: 1 audio in; 1 RJ-45; 1 audio out; 2 DisplayPort™; 2 USB 2.0; 4 USB 3.1 Gen 1; 1 power connector; 3 optional ports Back (optional): 1 choice of 1 HDMI; 1 VGA; 1 USB 3.1 Type-C™; 1 DisplayPort; 1 choice of serial and PS/2; 1 choice of serial and PS/2; <sup>22,26</sup>
<b>Input devices</b>	HP Conferencing Keyboard; HP USB Smart Card (CCID) Keyboard; HP USB Business Slim Keyboard; HP PS/2 Business Slim Keyboard; HP USB Grey Business Slim Keyboard <sup>13</sup> HP PS/2 Mouse; HP USB 1000 dpi Laser Mouse; HP Grey V2 Mouse; HP USB Mouse; HP USB Hardened Mouse <sup>13</sup>
<b>Communications</b>	LAN: Intel® I219LM Gigabit Network Connection LOM; Intel Ethernet I210-T1 PCIe x1 gigabit network interface card (optional) WLAN: Intel® 8265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card vPro™; Intel® 8265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™; Intel® 7265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™ <sup>9</sup>
<b>Drive Bays</b>	One 9.5 mm slim; One 8.9 cm (3.5") or one 6.35 cm (2.5") (for 6.35 cm (2.5") adapter needed) <sup>24</sup>
<b>Available Software</b>	Bing search for IE11; Buy Office; CyberLink Power Media Player; CyberLink Power2Go; Foxit Phantom PDF Express; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP Notifications; HP Support Assistant; HP Sure Click; Native Miracast Support; Skype for Business Certified <sup>14,27,30</sup>
<b>Security management</b>	Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified); SATA 0,1 port disablement (via BIOS); Drive lock; Serial, USB enable/disable (via BIOS); Power-on password (via BIOS); Setup password (via BIOS); Solenoid hood lock/intrusion sensor; Support for chassis padlocks and cable lock devices <sup>31</sup>
<b>Management features</b>	HP Client Catalog; HP Driver Packs; LANDESK Management; HP SoftPaq Download Manager (SDM); HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Image Assistant; HP MIK for Microsoft SCCM <sup>16,25</sup>
<b>Power</b>	180 W, up to 85% efficient, active PFC
<b>Dimensions</b>	95 x 270 x 296 mm (Dimensions are for tower orientation)
<b>Weight</b>	4.53 kg (Exact weight depends on configuration)
<b>Energy efficiency compliance</b>	ENERGY STAR® certified and EPEAT® registered configurations available <sup>17</sup>
<b>Environmental specifications</b>	Low halogen <sup>18</sup>
<b>Warranty</b>	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.

## HP ProDesk 600 G3 Small Form Factor PC

### Accessories and services (not included)

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#### HP 9.5mm G3 8/6/4 SFF G4 400 SFF/MT DVD Writer



Affordably add an optical storage writer to your HP Desktop PC<sup>1</sup> with the HP 9.5mm Desktop G3 ODD, which connects through SATA and supports writing—up to 8.5 GB of data or four hours of DVD-quality video—to all DVD formats. Affordably add an optical storage writer to your HP Desktop PC<sup>1</sup> with the HP 9.5mm Desktop G3 ODD, which connects through SATA and supports writing—up to 8.5 GB of data or four hours of DVD-quality video—to all DVD formats.

**Product number: 1CA53AA**

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#### HP Wireless Slim Business Keyboard



Enjoy easy data entry and wireless connectivity with the HP Wireless Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs. Enjoy easy data entry and wireless connectivity with the HP Wireless Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs.

**Product number: N3R88AA**

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#### AMD Radeon R7 450 4GB Card



Drive your everyday PC, Web conferencing, and video or photo content to up to four displays from one card with the AMD Radeon™ R7 450 4GB Card.

**Product number: Z9H52AA**

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#### HP 16GB DDR4-2400 DIMM



Boost the capabilities of your HP Business Desktop PC and improve system performance and application responsiveness with low-power, high-speed DDR4 memory from HP.

**Product number: Z9H57AA**

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#### HP 5 year Next business day Onsite Desktop Only Hardware Support



Receive 5 years of next business day onsite HW Support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.

**Product number: U7899E**

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## HP ProDesk 600 G3 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> HP BIOSphere Gen3 requires Intel® or AMD 7th generation processors.
- <sup>4</sup> Sold separately or as an optional feature.
- <sup>5</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>6</sup> Requires Windows and Intel® or AMD 7th or 8th generation processors.
- <sup>7</sup> HP Multi Factor Authenticate requires 7th Generation Intel® Core™ processor, Intel® integrated graphics, and Intel® WLAN.

### 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> 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>4</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>5</sup> 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>6</sup> Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
- <sup>7</sup> For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.
- <sup>8</sup> TLC SSD in Federa Information Processing Standard
- <sup>9</sup> Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.
- <sup>10</sup> Intel® HD Graphics 530: integrated on 6th gen Core™ i7/i5/i3 processors
- <sup>11</sup> Intel® HD Graphics 630: integrated on 7th gen Core™ i7/i5/i3 processors and Pentium® G4620, 4600, 4600T
- <sup>12</sup> Intel® HD Graphics 610: integrated on Pentium® G4560, G4560T, Celeron™ G3950, G3930, G3930T
- <sup>13</sup> Sold separately or as an optional feature.
- <sup>14</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.
- <sup>16</sup> HP MIK is not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>
- <sup>17</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at [www.hp.com/go/options](http://www.hp.com/go/options)
- <sup>18</sup> External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- <sup>19</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>21</sup> (1) Internal M.2 PCIe x4 connector for optional Turbo Drive SSD: primary device if installed; 2 low-profile PCIe x16 (one wired as a x4): (1) PCI Express x 16 graphics connector, (1) PCI Express x 4 connector.
- <sup>22</sup> This card comes with a Serial Port and 2 PS/2 ports (3 ports total). Supports HDMI 2.0a features.
- <sup>24</sup> 2 SATA connectors.
- <sup>25</sup> LANDesk subscription required.
- <sup>26</sup> Optional port (DisplayPort™, HDMI, VGA, or USB-CTM) (USB-CTM option has alt mode DisplayPort™ or 15W output).
- <sup>27</sup> CyberLink Power Media Player: select models only; CyberLink Power2Go: select models only; Foxit PhantomPDF Express: Windows 7 only; Skype for Business Certified: is not offered in China.
- <sup>29</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>30</sup> HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer 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>31</sup> HP Drive Lock is not supported on NVMe drives.

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