

# HP ProDesk 600 G3 Small Form Factor PC



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 and manageability

Help prevent data breaches and downtime with HP BIOSphere Gen3<sup>3</sup> and simplify management with HP WorkWise<sup>4</sup>, HP's most advanced smartphone app for PC management.

## 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>6</sup> technology, up to 64 GB of DDR4 memory<sup>6</sup>, and optional graphics cards<sup>6</sup>.

## Connection hub

With 8 total USB ports, up to three video outputs, and optional Bluetooth™<sup>6</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<sup>1</sup> and the powerful HP ProDesk 600 SFF with built-in security, collaboration, and connectivity.
- Keep productivity high and downtime low with HP BIOSphere Gen3<sup>3</sup> firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.
- HP WorkWise<sup>4</sup> is office intelligence rolled into one smartphone app to provide PC security, real-time PC performance information, and simplified printer driver installation for HP PC users.
- The HP Manageability Integration Kit<sup>7</sup> helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- HP Client Security Suite Gen3<sup>8</sup> features HP Multi-Factor Authenticate, HP Device Access Manager<sup>9</sup>, 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.
- Greatly improve the transfer rates of user's data, voice, and video communication when connecting over challenged LAN or Wi-Fi networks with HP Velocity.
- 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 Jacki that supports mic in, headphones, and CTIA headsets with the same connector.

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



<b>Form Factor</b>	Small form factor
<b>Available Operating System</b>	Windows 10 Pro 64 – HP recommends Windows 10 Pro. <sup>1</sup> Windows 10 Home 64 <sup>1</sup> Windows 10 Pro 64 (National Academic License) <sup>2</sup> Windows 10 Home Single Language 64 <sup>1</sup> FreeDOS 2.0 NeoKylin Linux® 64
<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>	Intel® Celeron® G3930 with Intel® HD Graphics 610 (2.9 GHz, 2 MB cache, 2 cores) Intel® Core™ i3-6100 with Intel® HD Graphics 530 (3.7 GHz, 3 MB cache, 2 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™ i3-7320 with Intel® HD Graphics 630 (4.1 GHz, 4 MB cache, 2 cores) Intel® Core™ i5-6500 with Intel® HD Graphics 530 (3.2 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores) Intel® Core™ i5-6600 with Intel® HD Graphics 530 (3.3 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores) Intel® Core™ i5-7500 with Intel® HD Graphics 630 (3.4 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores) Intel® Core™ i5-7600 with Intel® HD Graphics 630 (3.5 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost, 6 MB cache, 4 cores) Intel® Core™ i7-6700 with Intel® HD Graphics 530 (3.4 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Core™ i7-7700 with Intel® HD Graphics 630 (3.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Pentium® Gold G4560 with Intel® HD Graphics 610 (3.5 GHz, 3 MB cache, 2 cores) Intel® Pentium® Gold G4600 with Intel® HD Graphics 630 (3.6 GHz, 3 MB cache, 2 cores) Intel® Pentium® Gold G4620 with Intel® HD Graphics 630 (3.7 GHz, 3 MB cache, 2 cores) Intel® Pentium® G3950 with Intel® HD Graphics 610 (3 GHz, 2 MB cache, 2 cores) <sup>4,19</sup> <small>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 <a href="http://www.support.hp.com">http://www.support.hp.com</a>.</small>
<b>Chipset</b>	Intel® Q270
<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" 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>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® GT730 HDMI (1 GB); NVIDIA® GeForce® GT730 (2 GB)
<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>Communications</b>	LAN: Intel® I219LM Gigabit Network Connection LOM 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™; Intel® 3168 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™ <sup>9</sup>
<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); 1 headset connector <sup>28</sup> Back: 1 audio-in; 1 audio-out; 1 power connector; 1 RJ-45; 2 DisplayPort™ 1.2; 2 USB 2.0; 4 USB 3.1 Gen 1 <sup>20,28</sup> Back (optional): 1 DisplayPort™ 1.2; 1 HDMI; 1 USB 3.1 Type-C™; 1 VGA <sup>22,26</sup>

<b>Internal Drive Bays</b>	One 2.5" HDD or One 3.5" HDD
<b>External Drive Bays</b>	One SD 4 card reader; One slim ODD <sup>24</sup>
<b>Available Software</b>	Bing search for IE11; Buy Office; CyberLink Power Media Player; CyberLink Power2Go; Foxit Phantom PDF Express; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP Notifications; HP Support Assistant; HP Sure Click; HP Velocity; Native Miracast Support; Skype for Business Certified <sup>14,15,27</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
<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>	3.7 x 10.6 x 11.65 in 95 x 270 x 296 mm (Dimensions are for tower orientation)
<b>Weight</b>	9.98 lb 4.53 kg (Exact weight depends on configuration)
<b>Environmental</b>	Low halogen <sup>18</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR <sup>®</sup> certified and EPEAT <sup>®</sup> registered configurations available <sup>17</sup>

## HP ProDesk 600 G3 Small Form Factor PC

### Accessories and services (not included)

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#### **HP 3D 256GB SATA Solid State Drive**

Expand the storage capabilities of your desktop with the HP 3D 256 GB SATA SSD<sup>1</sup>, which includes 3D V NAND flash for impressive read/write performance and reliability plus the same solid performance you already get from current from SSD drives.

**Product number: N1M49AT**

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#### **HP USB Business Speakers v2**

Quickly and easily add stereo sound to your workspace with HP USB Business Speakers v2, a set of stylish desktop speakers powered by your PC's USB port.

**Product number: N3R89AT**

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#### **HP Business PC Security Lock v2 Kit**

Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the HP Business PC Security Lock v2 Kit.

**Product number: N3R93AT**

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## 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 is not a measurement of higher performance.
- <sup>3</sup> HP BIOSphere Gen3 features may vary depending on the PC platform and configurations.
- <sup>4</sup> HP WorkWise smartphone app will soon be available as a free download on the App Store and Google Play.
- <sup>5</sup> Sold separately or as an optional feature.
- <sup>7</sup> HP Manageability Integration Kit is planned to be available first quarter 2017 and can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- <sup>8</sup> HP Client Security Suite Gen3 requires Windows and Intel® 7th Gen processors.
- <sup>9</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> Multicore 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 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>15</sup> HP ePrint Driver + JetAdvantage: 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 [www.hp.com/go/eprintcenter](http://www.hp.com/go/eprintcenter)). Print times and connection speeds may vary.
- <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>20</sup> vPro or non-vPro = 4 USB 3.1 Gen 1 rear ports and 2 USB 2.0 rear ports.
- <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>23</sup> Supported resolutions: 640 x 480; 720 x 400; 720 x 480; 720 x 576; 800 x 600; 1024 x 768; 1152 x 864; 1280 x 720; 1280 x 768; 1280 x 960; 1280 x 1024; 1366 x 768; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 1600 x 1200; 1920 x 1440; 2048 x 1536; 2560 x 1440; 2560 x 1600; 3440x1440; 3840 x 2160; 4096 x 2160
- <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>28</sup> USB 3.1 Gen 1: 5 Gbit/s data speed.

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