

## Datasheet

# HP ProDesk 600 G3 Desktop Mini PC



## Redesigned and future ready

Designed to fit the modern workspace the ultra-small HP ProDesk 600 Desktop Mini with an updated stylish appearance, is a powerful and reliable PC with performance manageability features for business.



## HP recommends Windows 10 Pro.

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

### Business-ready performance, nicely packaged

- Power through your day with high-performance 7th Gen Intel® Core™ i3/i5/i7 processors<sup>2</sup>, optional Intel® Optane™ memory and SSDs<sup>3</sup>, and up to 32 GB of DDR4 memory<sup>3</sup>, and HP Turbo Drive G2<sup>3</sup>.

### Simple mounting solutions

- Easily deploy your Mini behind any ProDisplay<sup>3</sup> for a near zero footprint solution. Mount and secure it almost anywhere with HP's full ecosystem of DM accessories<sup>3</sup>.

### HP exclusive security and manageability

- Help prevent data breaches and downtime with HP BIOSphere Gen3<sup>4</sup> and easily manage devices through Microsoft SCCM using the HP Manageability Integration Kit<sup>5</sup>.

### Configurable I/O Port for displays

- Configure a rear I/O port for customizable display connections with your choice of VGA, DisplayPort™, HDMI or Serial Type C™ with DisplayPort™.

### Featuring

- Power through your day with Windows 10 Pro and the powerful HP ProDesk 600 Desktop Mini with built-in security, collaboration, and connectivity.<sup>1</sup>
- 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.<sup>4</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>5</sup>
- 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.<sup>6,7</sup>
- 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 data, voice, and video communication transfer rates over challenged LAN and Wi-Fi networks.
- 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.
- Simplify technical support with Helpdesk by HP Care. Rely on cost-effective expertise that's available 24x7, covering multiple brands, devices and operating systems.

# HP ProDesk 600 G3 Desktop Mini PC Specifications Table



<b>Form Factor</b>	Mini
<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 Home Single Language 64 <sup>1</sup> FreeDOS 2.0
<b>Available Processors<sup>4,20</sup></b>	Intel® Celeron® G3930T with Intel® HD Graphics 610 (2.7 GHz, 2 MB cache, 2 cores); Intel® Core™ i3-6100T with Intel® HD Graphics 530 (3.2 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-7100T with Intel® HD Graphics 630 (3.4 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-7300T with Intel® HD Graphics 630 (3.5 GHz, 3 MB cache, 2 cores); Intel® Core™ i5-6500T with Intel® HD Graphics 530 (2.5 GHz base frequency, up to 3.1 GHz with Intel® Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-6600T with Intel® HD Graphics 530 (2.7 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-7500T with Intel® HD Graphics 630 (2.7 GHz base frequency, up to 3.3 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Core™ i5-7600T with Intel® HD Graphics 630 (2.8 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Core™ i7-6700T with Intel® HD Graphics 530 (2.8 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i7-7700T with Intel® HD Graphics 630 (2.9 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores); Intel® Pentium® Gold G4560T with Intel® HD Graphics 610 (2.9 GHz, 3 MB cache, 2 cores); Intel® Pentium® Gold G4600T with Intel® HD Graphics 630 (3 GHz, 3 MB cache, 2 cores)
<b>Chipset</b>	Intel® Q270
<b>Maximum Memory</b>	Up to 32 GB DDR4-2400 SDRAM <sup>6</sup> Standard memory note: Transfer rates up to 2400 MT/s
<b>Memory slots</b>	2 SODIMM
<b>Internal Storage</b>	500 GB up to 2 TB 2.5" SATA (7200 rpm) <sup>7</sup> 500 GB up to 1 TB SATA SSHD (5400 rpm) <sup>7</sup> 256 GB up to 512 GB SATA SED SSD <sup>7</sup> 256 GB up to 1 TB HP Turbo Drive G2 TLC SSD (PCIe) <sup>7</sup> 128 GB up to 256 GB SATA SSD <sup>7</sup> up to 500 GB 2.5" SATA SED HDD <sup>7</sup>
<b>Optical Storage</b>	DVD-Writer (optional)
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 530; Intel® HD Graphics 630; Intel® HD Graphics 610 <sup>10,11,12,21</sup>
<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™ <sup>9,19</sup>
<b>Expansion Slots</b>	1 M.2 2230 for optional wireless NIC; 1 M.2 2280 for storage drives
<b>Ports and Connectors</b>	Front: 1 USB 3.1 Type-C™ (charging); 1 USB 3.1 Gen 1; 1 USB 3.1 Gen 1 (charging); 1 Headphone connector; Universal audio jack with CTIA headset support <sup>25</sup> Back: 1 security lock slot; 1 external antenna connector; 2 DisplayPort™; 4 USB 3.1 Gen 1; 1 RJ-45; 1 power connector; 1 optional port <sup>25</sup> Back (optional): 1 DisplayPort™; 1 HDMI; 1 VGA; 1 serial; 1 USB 3.1 Type-C™ (DisplayPort™ alternate mode or 15 W output) <sup>8,23</sup>
<b>Internal Drive Bays</b>	One 6.35 cm (2.5")
<b>Input Device</b>	HP USB Conferencing Keyboard; HP USB Smart Card (CCID) Keyboard; HP USB Business Slim Keyboard; HP USB Grey Business Slim Keyboard <sup>13</sup> HP USB 1000 dpi Laser Mouse; HP Grey V2 Mouse; HP USB Optical Mouse; HP USB Hardened Mouse <sup>13</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 Sure Click; HP Velocity; Native Miracast Support; Skype for Business Certified <sup>14,15,24</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); Support for chassis padlocks and cable lock devices; Integrated hood sensor
<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>16,22</sup>
<b>Power</b>	65 W 89% efficient
<b>Dimensions</b>	17.7 x 3.42 x 17.47 cm
<b>Weight</b>	1.21 kg
<b>Environmental</b>	Low halogen <sup>18</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified and EPEAT® registered configurations available <sup>17</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 Desktop Mini PC

### Accessories and services (not included)

**HP Desktop Mini Rack Mount Tray Kit Module**



Put your HP Desktop Mini PCs to work behind the scenes with HP Desktop Mini Rack Mount Tray Kit Modules, which holds up to eight PCs and fit into the HP 100kg Sliding Shelf.<sup>1</sup>  
**Product number: G1K21AA**

**HP Desktop Mini Chassis Tower Stand**



Keep it vertical. Make the most of space-constrained environments by deploying your HP Desktop Mini in a vertical orientation with the HP Desktop Mini Chassis Tower Stand.  
**Product number: G1K23AA**

**HP Integrated Work Center for Desktop Mini and Thin Client**



Make the most of small work spaces with an HP IWC Desktop Mini/Thin Client that lets you create a compact desktop solution by combining a display<sup>1</sup> with an HP Desktop Mini, HP Thin Client or HP Chromebox<sup>1</sup> and giving you convenient front access to all of its inputs.  
**Product number: G1V61AA**

**HP Desktop Mini DVD ODD Module**



Add a DVD Writer to your HP Desktop Mini PC with HP Desktop Mini DVD Writer ODD Module.<sup>1</sup>  
**Product number: K9Q83AA**

**HP Desktop Mini I/O Module**



Keep working with your existing peripherals and add legacy ports to your HP Desktop Mini PC with the HP Desktop Mini I/O Module.  
**Product number: K9Q84AA**

**HP Desktop Mini 65w Power Supply Kit**



Keep an extra HP Desktop Mini adapter at the ready, or take it with you if you use your HP Desktop Mini on the go with the HP Desktop 65W Mini Power Supply Kit.<sup>1</sup>  
**Product number: L2X04AA**

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**



## HP ProDesk 600 G3 Desktop Mini 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> Sold separately or as an optional feature.
- <sup>4</sup> HP BIOSphere Gen3 features may vary depending on the PC platform and configurations.
- <sup>5</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>6</sup> HP Client Security Suite Gen3 requires Windows and Intel® 7th Gen processors.
- <sup>7</sup> HP Multi Factor Authenticate requires 7th Generation Intel® Core™ processor, Intel® integrated graphics, and Intel® WLAN.
- <sup>8</sup> HP Care Services are optional. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc). HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

### Technical specifications disclaimers

- <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> HDMI cable sold separately or as an optional feature. Supports HDMI 2.0a features.
- <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> Wake on Lan feature is not available.
- <sup>20</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> 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 800; 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>22</sup> LANDesk subscription required.
- <sup>23</sup> This card comes with a Serial Port and 2 PS/2 ports (3 ports total).
- <sup>24</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>25</sup> USB 3.1 Gen 1: 5 Gbit/s data speed.

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