

# HP ProDesk 400 G4 Small Form Factor PC



Designed to fit the modern workspace now and in the future, the small, reliable, and secure HP ProDesk 400 SFF is a powerful PC with performance that's scalable to grow with the business.



HP recommends Windows 10 Pro.

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

## Powerful options

Power through your day with high-performance 7th Gen Intel® Core™ i3/i5/i7 processors<sup>2</sup>; unleashed optional Intel® Optane™ memory<sup>3</sup>, up to 32 GB of DDR4 memory<sup>4</sup>, and 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 400 SFF has two bays and two half-height slots, and optional legacy ports<sup>5</sup>.

## Connection hub

With 8 total USB ports, two video outputs, and optional Bluetooth™<sup>4</sup> connectivity, the HP ProDesk 400 SFF becomes a hub for all your devices in the office.

## Tested and ready

The reliable HP ProDesk 400 SFF experienced 120,000 hours of the HP Total Test Process and now has an optional dust filter<sup>3</sup> to help extend the life of your PC by reducing airborne particulate intake in the most demanding work environments.

## Featuring

- Power through your day with Windows 10 Pro<sup>1</sup> and the powerful HP ProDesk 400 SFF with built-in security, collaboration, and connectivity.
- HP Client Security Suite Gen3<sup>6</sup> features HP Multi-Factor Authenticate, HP Device Access Manager<sup>6</sup>, HP SpareKey, and HP Password Manager. These tools work to keep data out of reach and defend against theft, attacks, and unauthorized users.
- Keep productivity high and downtime low with HP BIOSphere Gen3<sup>7</sup> firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.
- The HP Manageability Integration Kit<sup>8</sup> helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- HP WorkWise<sup>9</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.
- 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.
- Enjoy always-on, included self-help support built right into your PC, for the life of your PC<sup>10</sup>.
- Rest easy with a PC that goes the distance and is designed to pass HP Total Test Process.

**HP ProDesk 400 G4 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> Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) <sup>3</sup> FreeDOS 2.0 NeoKylin Linux® 64 <sup>20</sup>
<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™ i3 processor (i3-6100 model); 6th Generation Intel® Core™ i5 processor (i5-6500 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™ i5-7500 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® H270
<b>Maximum Memory</b>	32 GB DDR4-2400 SDRAM <sup>6</sup> (Transfer rates up to 2400 MT/s)
<b>Memory Slots</b>	2 DIMM
<b>Internal Storage</b>	500 GB up to 2 TB 3.5" SATA HDD (7200 rpm) <sup>7</sup> 500 GB up to 1 TB 2.5" SATA SSHD (5400 rpm) <sup>7</sup> up to 1 TB 3.5" SATA SSHD (7200 rpm) <sup>7</sup> 256 GB up to 512 GB 2.5" SATA SED SSD <sup>7</sup> 256 GB up to 1 TB HP NMVe SSD Turbo Drive G2 TLC SSD (PCIe) <sup>7</sup> 128 GB up to 512 GB SATA SSD <sup>7</sup>
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 530; Intel® HD Graphics 630; Intel® HD Graphics 610 <sup>9,10,11</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: Realtek RTL8111 HSH GbE LOM network connection WLAN (optional): Intel® 7265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™; Intel® 3168 802.11ac (1x1) wireless with Bluetooth® M.2 combo card non-vPro™ <sup>8</sup>
<b>Expansion Slots</b>	1 M.2 2230; 1 Turbo Drive (M.2 PCIe); 1 low-profile PCIe 3 x16 6.35 cm (2.5"), 16.76 cm (6.6") length, 35 W max power <sup>23</sup>
<b>Ports and Connectors</b>	Front: 1 SD 3 card reader (optional); 1 headset connector; 2 USB 3.1 Gen 1 Back: 1 audio-in; 1 audio-out; 1 DisplayPort™ 1.2; 1 power connector; 1 RJ-45; 1 VGA; 2 USB 3.1 Gen 1; 4 USB 2.0 Back (optional): 1 PS/2 port; 1 serial <sup>18</sup>
<b>Internal Drive Bays</b>	One 9 mm slim ODD; One 2.5" HDD or One 3.5" HDD

## External Drive Bays

21

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### Available Software

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 Velocity; Native Miracast Support; Skype for Business Certified; HP Sure Click <sup>13,14,25</sup>

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### Security Management

DriveLock; Power-on password (via BIOS); SATA port disablement (via BIOS); Serial enable/disable (viaBIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified); USB enable/disable (via BIOS)

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### Management Features

HP Client Catalog; LANDESK Management; HP SoftPaq Download Manager (SDM); HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP MIK for Microsoft SCCM [15, 22]

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### Power

180 W internal power supply, up to 85% efficiency, active PFC <sup>24</sup>

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### Dimensions

3.7 x 11.7 x 10.6 in  
9.5 x 29.6 x 27 cm  
(Dimensions are for tower orientation)

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### Weight

10.14 lb  
4.6 kg  
(Exact weight depends on configuration)

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### Energy Efficiency Compliance

ENERGY STAR<sup>®</sup> certified and EPEAT<sup>®</sup> registered configurations available <sup>16</sup>

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## HP ProDesk 400 G4 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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#### **HP ProDisplay P223 21.5-inch Monitor**

Put your HP Pro PC content front and center on an ample 21.5-inch diagonal FHD screen with the HP ProDisplay P223 21.5-inch Monitor. The sleek design delivers essential presentation features and advanced connectivity for your everyday business productivity at a highly affordable price point.

**Product number: X7R61A8**

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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> Intel® Optane™ is sold separately and requires a 7th Gen Intel® Core™ processor, bios version with Intel® Optane™ supported, Windows 10, version 1703, an Intel® 200 series chipset, 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 Intel® Rapid Storage Technology (Intel® RST) 15.5 driver.
- <sup>4</sup> Sold separately or as an optional feature.
- <sup>5</sup> HP Client Security Suite Gen3 requires Windows and Intel® 7th Gen processors.
- <sup>6</sup> HP Multi Factor Authenticate requires 7th Generation Intel® Core™ processor, Intel® integrated graphics, and Intel® WLAN.
- <sup>7</sup> HP BIOSphere Gen3 features may vary depending on the PC platform and configurations.
- <sup>8</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>9</sup> HP WorkWise smartphone app will soon be available as a free download on the App Store and Google Play.
- <sup>10</sup> Requires Windows and internet access.

## 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>3</sup> This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 10 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.
- <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> 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>9</sup> Intel® HD Graphics 530: integrated on 6th gen Core™ i7/i5/i3 processors
- <sup>10</sup> Intel® HD Graphics 630: integrated on 7th gen Core™ i7/i5/i3 processors and Pentium® G4620, 4600, 4600T
- <sup>11</sup> Intel® HD Graphics 610: integrated on Pentium® G4560, G4560T, Celeron™ G3950, G3930, G3930T
- <sup>12</sup> Sold separately or as an optional feature.
- <sup>13</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>14</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>15</sup> HP MIK is not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>
- <sup>16</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
- <sup>17</sup> External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- <sup>18</sup> The serial port is no longer standard to the chassis. A serial port and PS/2 port PCIe combination are available.
- <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> Linux is not available for all regions/countries.
- <sup>21</sup> 2 SATA connectors.
- <sup>22</sup> LANDesk subscription required.
- <sup>23</sup> (1) PCI Express x16 graphics connector; (1) Internal M.2 PCIe x1 connector for optional wireless NIC.
- <sup>24</sup> 80 PLUS Bronze: 180 W, up to 85% efficient, active PFC.
- <sup>25</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.

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