



# HP ProDesk 400 G4 Desktop Mini PC

Designed to fit the modern workspace with a compact, stylish appearance, the ultra-small HP ProDesk 400 Desktop Mini is an affordable PC with reliability and performance for your growing business.



HP recommends Windows 10 Pro.

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

## Powerful and configurable

Power through your day with a solution you can flexibly configure with an 8th Gen Intel® Core™ processor<sup>2</sup> and options that include Intel® Optane™ memory<sup>3</sup>, SSD storage<sup>4</sup>, and up to 32 GB of DDR4 memory.<sup>4</sup>

## Expansion that extends your investment

Maximize the life of your PC as your business requirements change with a wide range of storage options<sup>4</sup> such as the latest M.2 slots, traditional SATA drives, and configurable ports to connect up to three HP displays.<sup>5</sup>

## Place it where you need it

Take your footprint down to near zero with a PC that attaches behind an HP EliteDisplay<sup>6</sup>, or mount<sup>7</sup> and secure it almost anywhere with HP accessories.<sup>4</sup> Declutter your space with short cables and rear I/O ports that connect to a range of displays.<sup>3</sup>

## HP-exclusive security and manageability

Help prevent data breaches and downtime with HP BIOSphere Gen4<sup>8</sup> and protect against web-based attacks with HP Sure Click.<sup>9</sup> Easily manage devices through Microsoft System Center Configuration Manager with HP Manageability Integration Kit.<sup>10</sup>

## Featuring

- Be productive in any situation with Windows 10 Pro and powerful security, collaboration, and connectivity features from HP.<sup>1</sup>
- Keep productivity high and downtime low with HP BIOSphere Gen4 firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.<sup>8</sup>
- Help protect your PC from websites, attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.<sup>9</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>10</sup>
- HP Client Security Manager Gen4 features multi-factor authentication, 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>11</sup>
- Greatly improve data, voice, and video communication transfer rates over challenged LAN and Wi-Fi networks with HP Velocity.<sup>4</sup>
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant Gen3.
- Enjoy always-on, included self-help support built right into your PC, for the life of your PC, with HP Support Assistant.<sup>12</sup>
- Rest easy with a PC that goes the distance and is designed to pass HP's Total Test Process.<sup>13</sup>

**HP ProDesk 400 G4 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 Pro 64 (National Academic only) <sup>1,2</sup> Windows 10 Home 64 <sup>1</sup> Windows 10 Home Single Language 64 <sup>1</sup> FreeDOS 2.0
<b>Processor Family<sup>4</sup></b>	Intel® Celeron® processor (G4900T is Windows 10 only) Intel® Pentium® processor (G5400T, G5500T are Windows 10 only) 8th Generation Intel® Core™ i3 processor (i3-8100T, i3-8300T) 8th Generation Intel® Core™ i5 processor (i5-8500T, i5-8600T) 8th Generation Intel® Core™ i5+ processor (8500T, 8600T) 8th Generation Intel® Core™ i7 processor (i7-8700T) 8th Generation Intel® Core™ i7+ processor (i7-8700)
<b>Available Processors<sup>16,32,33</sup></b>	Intel® Celeron® G4900T with Intel® UHD Graphics 610 (2.9 GHz, 2 MB cache, 2 cores) Intel® Pentium® Gold G5400T with Intel® UHD Graphics 610 (3.1 GHz, 4 MB cache, 2 cores) Intel® Pentium® Gold G5500T with Intel® UHD Graphics 630 (3.2 GHz, 4 MB cache, 2 cores) Intel® Core™ i3-8100T with Intel® UHD Graphics 630 (3.1 GHz, 6 MB cache, 4 cores) Intel® Core™ i3-8300T with Intel® UHD Graphics 630 (3.2 GHz, 8 MB cache, 4 cores) Intel® Core™ i5+ 8500T (Core™ i5 and 16 GB Intel® Optane™ memory) (2.1 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i5+ 8600T (Core™ i5 and 16 GB Intel® Optane™ memory) (2.3 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i5-8500T with Intel® UHD Graphics 630 (2.1 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i5-8600T with Intel® UHD Graphics 630 (2.3 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i7+ 8700T (Core™ i7 and 16 GB Intel® Optane™ memory) (2.4 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores) Intel® Core™ i7-8700T with Intel® UHD Graphics 630 (2.4 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores)
<b>Chipset</b>	Intel® B360
<b>Maximum Memory</b>	32 GB DDR4-2666 SDRAM <sup>6,7</sup> (Transfer rates up to 2666 MT/s.)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	500 GB up to 2 TB SATA HDD <sup>3</sup> 500 GB 7200 rpm SATA SED Opal 2 HDD <sup>3</sup> 500 GB 7200 rpm SATA SED FIPS HDD <sup>3</sup> 256 GB up to 512 GB SATA SSD <sup>3</sup> 256 GB up to 512 GB SATA SED Opal 2 TLC SSD <sup>3</sup> 256 GB up to 512 GB SATA SED FIPS SSD <sup>3</sup> 128 GB up to 512 GB PCIe® NVMe™ TLC M.2 SSD <sup>3</sup> 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD <sup>3</sup> 128 GB up to 512 GB PCIe® NVMe™ M.2 SSD <sup>3</sup>
<b>Available Graphics</b>	Integrated: Intel® UHD Graphics 630; Intel® UHD Graphics 610
<b>Audio</b>	Conexant CX20632 codec, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
<b>Communications</b>	LAN: Realtek RTL8111HSH-CG GbE WLAN: Intel® 3168 802.11ac (1x1) wireless and Bluetooth® Combo M.2 PCIe®; Intel® Dual Band Wireless-AC 7265 802.11ac (2x2) and Bluetooth® 4.0 Combo M.2 PCIe®; Realtek RTL8822BE-CG 802.11a/b/g/n/ac (2x2) with Bluetooth® 4.2 M.2 PCIe®; Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® 5 M.2 PCIe®, non-vPro™; Realtek RTL8821CE-CG 802.11a/b/g/n/ac (1x1) with Bluetooth® M.2 PCIe® <sup>8</sup>

<b>Expansion Slots</b>	1 M.2 2230; 1 M.2 2230/2280 (1 M.2 slot for WLAN and 1 M.2 2230/2280 slot for storage.)
<b>Ports and Connectors</b>	Front: 1 headphone; 1 headset connector; 2 USB 3.1 Gen 1 Rear: 1 RJ-45; 2 DisplayPort™ 1.2; 2 USB 3.1 Gen 1; 2 USB 2.0 <sup>31</sup> Optional: 1 DisplayPort™ 1.2; 1 serial; 1 VGA; 1 HDMI 2.0; 1 USB 3.1 Type-C™ Gen 2 (DisplayPort™) <sup>34</sup>
<b>Internal Drive Bays</b>	One 2.5" HDD
<b>Available Software</b>	HP Device Access Manager; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP PhoneWise; HP Recovery Manager; HP Secure Erase; HP Support Assistant; HP Sure Click; HP Velocity; Microsoft Defender; Native Miracast Support; HP Wireless Wakeup; Buy Office (sold separately) <sup>13,17,18,19,20,21,23,24</sup>
<b>Security Management</b>	DriveLock; Hood sensor; HP BIOSphere; HP Credential Manager; HP Password Manager; HP Power On Authentication; HP Security Manager; HP Spare Key; Power-on password (via BIOS); Removable media write/boot control; SATA port disablement (via BIOS); 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); Master Boot Record Security; HP Client Security Suite Gen 4; Pre-boot Authentication; Serial enable/disable (via BIOS) <sup>12,27,28,29</sup>
<b>Management Features</b>	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); Update BIOS via Cloud or Network (BIOS feature); Ivanti Management Suite; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2 <sup>14,25,26</sup>
<b>Power</b>	65 W external power adapter, up to 89% efficiency
<b>Dimensions</b>	6.97 x 6.89 x 1.34 in 17.7 x 17.5 x 3.4 cm
<b>Weight</b>	2.75 lb 1.25 kg (Exact weight depends on configuration.)
<b>Environmental</b>	Low halogen <sup>11</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified; EPEAT® Gold <sup>5</sup>
<b>Warranty</b>	3 year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Includes free 24/7 telephone support. Terms and conditions vary by country. Certain restrictions and exclusions apply.

**HP ProDesk 400 G4 Desktop Mini PC**

Accessories and services (not included)

**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: X7R61AA**

**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: K9Q83AT**

**HP Quick Release Bracket**



HP Quick Release is an easy to use, 100 mm VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach a flat panel monitor to a variety of stands, brackets, arms or wall mounts. HP Quick Release can also be used for mounting any combination of devices that are compatible with the 100 mm VESA Flat Display Mounting Interface Standard. The failsafe "Sure-Lock" mechanism snaps the monitor (or mounted device) securely in place, and can be further secured with a theft-deterrent security screw.

**Product number: EM870AT**

**HP Desktop Mini Security/Dual VESA Sleeve**



Wrap your HP Desktop Mini PC in the HP Desktop Mini Security/Dual VESA Sleeve to securely mount your PC behind your display, position your solution on a wall, and lock it down with the optional HP Ultra-Slim Cable Lock.

**Product number: G1K22AT**

**HP B300 PC Mounting Bracket**



Customize an altogether better solution with the HP B300 PC Mounting Bracket, which lets you attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select 2017 and 2018 HP EliteDisplays and HP Z Displays.<sup>1</sup>

**Product number: 2DW53AT**

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



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<sup>1</sup> 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: U7897E (for 4 year platforms), U7899E (for 5 year platforms)**

## 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 and requires configuration with an optional Intel® Core™ i(5 or 7)+ processor.
- <sup>4</sup> Sold separately or as an optional feature.
- <sup>5</sup> Displays sold separately. Support for up to three video outputs via two standard video connectors and an optional third video port connector, which provides the following choices: DisplayPort™ 1.2, HDMI 2.0, VGA or USB Type-C™ with Display™ Output.
- <sup>6</sup> Display sold separately. Requires HP B300 or B500 PC Mounting Bracket for Monitors, sold separately. See display QuickSpecs for bracket guidance.
- <sup>7</sup> Mounting hardware sold separately.
- <sup>8</sup> HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.
- <sup>9</sup> HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer, Chrome OS™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and Adobe® PDF files in read-only mode. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.
- <sup>10</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>11</sup> HP Client Security Manager Gen4 requires Windows and 8th generation Intel® or AMD processors or later.
- <sup>12</sup> Requires Windows and Internet access.
- <sup>13</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.

## 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> For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and 36 GB (for Windows 8.1/10) of system disk is reserved for the system recovery software.
- <sup>4</sup> 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>5</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country. See HP's 3rd party option store for solar energy accessory at [www.hp.com/go/options](http://www.hp.com/go/options).
- <sup>6</sup> For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. 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>7</sup> All memory slots are customer accessible / upgradeable.
- <sup>8</sup> Wireless access point and internet service required.
- <sup>9</sup> Availability may vary by country.
- <sup>10</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>11</sup> HP BIOSphere Gen4 features may vary depending on the PC platform and configurations requires 8th Gen Intel® processors.
- <sup>12</sup> HP Native Miracast Support: Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- <sup>13</sup> HP Driver Packs: HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- <sup>14</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>15</sup> Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. Supported on Elite platforms with BIOS version F.03 or higher.
- <sup>16</sup> HP ePrint Driver + JetAdvantage: HP ePrint Driver 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>17</sup> HP Support Assistant requires Windows and Internet access.
- <sup>18</sup> Microsoft Defender Opt in and internet connection required for updates.
- <sup>19</sup> HP PhoneWise Client may not be available with HP Workwise. For supported platforms and HP PhoneWise system requirements see [www.hp.com/go/HPPhoneWise](http://www.hp.com/go/HPPhoneWise).
- <sup>20</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. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.
- <sup>21</sup> HP Velocity: Availability may vary by country.
- <sup>22</sup> HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2: can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>
- <sup>23</sup> Ivanti Management Suite: subscription required.
- <sup>24</sup> HP Client Security Suite Gen 4: HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.
- <sup>25</sup> HP Password Manager requires Internet Explorer or Chrome™ or Firefox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.
- <sup>26</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>27</sup> When configurable I/O port has been configured, one DisplayPort™ may be blocked in select configurations.
- <sup>28</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>29</sup> Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system and requires configuration with an optional Intel® Core™ i(5 or 7)+ processor.
- <sup>30</sup> (1) Configurable port: Choice of Serial, DisplayPort™ 1.2, HDMI™ 2.0, HDMI™ 2.0 with one DisplayPort™ blocked, VGA, VGA with one DisplayPort™ blocked, USB 3.1 Type-C™ Gen 2 (DisplayPort™), sold separately or as an optional feature.

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