



# HP ProDesk 405 G8 Small Form Factor PC

Build your business

Essential workers require a highly secure and scalable PC with commercial-grade performance. The HP ProDesk 405 Small Form Factor affordably delivers on those requirements with a space-saving design for your growing business.



\*Product image may differ from actual product

HP recommends Windows 11 Pro for business

## Business-ready power

- Power through your day on a PC that is built to last with an AMD Ryzen™ 5000 series processor<sup>2</sup> and options that include dual storage drives<sup>3</sup>, M.2 PCIe NVMe SSDs<sup>3</sup>, and up to 64 GB of DDR4 memory.<sup>3</sup>

## Flexible expandability

- Help future proof your investment with expansion that extends the life of your PC. The HP ProDesk 405 SFF has two bays and two slots, two M.2 slots—one for WLAN and one for storage—and nine USB ports.

## Protected by HP Wolf Security

- HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.<sup>4</sup>
- This PC uses five percent ocean-bound plastics in the speaker enclosure and front bezel I/O strip. It comes in 100 percent recycled molded pulp packaging and is ENERGY STAR® certified and EPEAT® registered PC in 19 countries.<sup>5,6,7</sup>
- Rest easy with a PC that undergoes 120,000 hours of HP's Total Test Process and MIL-STD 810 testing.<sup>8,9</sup>
- Quickly access and transfer data to keep up with today's changing business requirements with PCIe NVMe SSDs, USB Type-C®, and memory with up to 3200MHz speed.<sup>3</sup>
- Tested for 1000 cleanings, high-touched exterior surfaces can be cleaned using commonly available household disinfecting and cleaning wipes.<sup>10</sup>
- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen6, the self-healing BIOS that automatically recovers itself from attacks or corruption.<sup>11</sup>
- Malware is evolving rapidly beyond traditional antivirus capabilities. Protect your PC against never-before-seen attacks with HP Sure Sense, which combines behavioral analysis with advanced AI techniques to provide exceptional protection.<sup>12</sup>
- Help protect your PC from websites and read and edit Microsoft Word files and read-only PDF attachments with malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.<sup>13</sup>
- Keep productivity high and downtime low with the fully integrated and automated features of the HP BIOSphere Gen6 firmware ecosystem. Your PCs have extra protection thanks to automatic updates and security checks.<sup>14</sup>

## HP ProDesk 405 G8 Small Form Factor PC Specifications Table



\*Product image may differ from actual product

Available Operating Systems	Windows 11 Pro <sup>1</sup> Windows 11 Home – HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Home Single Language – HP recommends Windows 11 Pro for business <sup>1</sup> Windows 10 Pro <sup>1</sup> FreeDOS (Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)
Processor family <sup>27</sup>	AMD Ryzen™ 3 processor; AMD Ryzen™ 5 processor; AMD Ryzen™ 7 processor
Available Processors <sup>27,29,31</sup>	AMD Ryzen™ 7 5700G with Radeon™ Graphics (3.8 GHz base clock, up to 4.6 GHz max boost clock, 16 MB L3 cache, 8 cores); AMD Ryzen™ 5 5600G with Radeon™ Graphics (3.9 GHz base clock, up to 4.4 GHz max boost clock, 16 MB L3 cache, 6 cores); AMD Ryzen™ 3 5300G with Radeon™ Graphics (4.0 GHz base clock, up to 4.20 GHz max boost clock, 8 MB L3 cache, 4 cores)
Chipset	AMD PRO 565
Form factor	Small form factor
Maximum memory	32 GB DDR4-3200 SDRAM <sup>3,4</sup>
Memory slots	2 DIMM
Internal storage	500 GB up to 2 TB SATA HDD <sup>5,7,8</sup> 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD <sup>5,7,8</sup>
Optical drive	HP 9.5 mm Slim DVD-Writer; HP 9.5 mm Slim DVD-ROM <sup>6,9</sup>
Available Graphics	Integrated: AMD Radeon™ Graphics Discrete: AMD Radeon™ RX 550X Graphics (4 GB GDDR5 dedicated); AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated) (Integrated graphics will depend on processor.)
Audio	Realtek ALC3867 codec, universal audio jack with CTIA and OMTP headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
Expansion slots	1 M.2 2230; 1 M.2 2280; 1 PCIe 3 x16; 1 PCIe 3 x1 <sup>11</sup> (1 M.2 2230 slot for WLAN and 1 M.2 2280 slot for storage.)
Memory card device	1 SD 4 card reader
Ports and Connectors	Front: 1 headphone/microphone combo; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate ; Rear: 1 audio-out; 1 power connector; 1 RJ-45; 3 SuperSpeed USB Type-A 5Gbps signaling rate; 2 USB Type-A 480Mbps signaling rate; 2 DisplayPort™ 1.4 ; Optional Ports: Add-on card – choose one of the following options: 4x Serial, serial and PS/2 ports combination or parallel; Flex IO port – choose one of the following options: DisplayPort™ 1.4, VGA, HDMI 2.0, serial, SuperSpeed USB Type-C® 10Gbps signaling rate (alternate mode DisplayPort™), Dual SuperSpeed USB Type-A 5Gbps signaling rate <sup>35</sup>
Input devices	HP Wired Desktop 320K Keyboard; HP USB Business Slim SmartCard CCID Keyboard; HP 125 Wired Keyboard <sup>14,15</sup> ; HP Wired Desktop 320M mouse; HP 125 Wired Mouse <sup>14,15</sup> ;
Communications	LAN: Realtek RTL8111FPH-CG GbE; Intel® I225-T1 PCIe® GbE <sup>12</sup> ; WLAN: Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® M.2; Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® M.2 combo ;
Drive Bays	One 3.5" HDD convertible to two 2.5" HDD with caddy <sup>7,8</sup>
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 5 to 90% RH;
Software	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Desktop Support Utilities; Xerox® DocuShare® 30 day free trial offer; <sup>16,35</sup>
Available software	HP Smart Support <sup>39</sup>
Security management	Power-on password (via BIOS); SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; USB enable/disable (via BIOS); Serial enable/disable (via BIOS); HP Secure Erase; HP Sure Click; HP Sure Sense; HP DriveLock and Automatic DriveLock; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10. (Common Criteria EAL4+ Certified); HP BIOSphere Gen6; <sup>20,21,22,24,25</sup>
Security Software Licenses	HP Wolf Pro Security Edition <sup>56</sup>
Management features	HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); HP Cloud Recovery; HP Image Assistant Gen 5; HP Manageability Integration Kit <sup>15,18,19</sup>
Power	210 W internal power supply, up to 92% efficiency, active PFC
Dimensions	27 x 9.5 x 30.3 cm
Weight	3.9 kg (Weight will vary by configuration)
Ecolabels	ENERGY STAR® certified, EPEAT® registered <sup>26</sup>
Sustainable impact specifications	40% post-consumer recycled plastic; Recycled plastic cushions; Low Halogen; 80 Plus® Platinum power supplies available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure and I/O strip <sup>30,32,33,34,37,38</sup>
Warranty	1 year (11/10) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

HP ProDesk 405 G8 Small Form Factor PC

Accessories and services (not included)

---

HP 3 year Next Business Day Onsite  
Hardware Support for Desktops



Receive 3 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: U6578E

---

# HP ProDesk 405 G8 Small Form Factor PC

## Messaging Footnotes

- <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. AMD's numbering is not a measurement of clock speed.
- <sup>3</sup> Optional feature that must be configured at time of purchase.
- <sup>4</sup> PC speaker enclosure and front bezel I/O strip components each made with 5% ocean-bound plastic.
- <sup>5</sup> 100% outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic.
- <sup>6</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>7</sup> HP Total Test Process testing is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>8</sup> MIL STD 810 testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>9</sup> Select household wipes can be safely used to clean select HP commercial PCs. See wipe manufacturer's instructions for disinfecting and the HP cleaning guide for HP tested wipe solutions at [How to Sanitize Your HP Device Whitepaper](https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW) (<https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW>) not applicable to HP Elite c1030 Chromebook.
- <sup>10</sup> HP Sure Start Gen6 is available on select HP PCs and requires Windows 10.
- <sup>11</sup> HP Sure Sense is available on select HP PCs and is not available with Windows 10 Home.
- <sup>12</sup> HP Sure Click requires Windows 10. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.
- <sup>13</sup> HP BIOSphere Gen6 requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.

## 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- <sup>2</sup> Actual transfer rate will vary and is determined by the system's configured processor. See processor specifications for supported memory data rate.
- <sup>3</sup> All memory slots are customer accessible / upgradeable.
- <sup>4</sup> For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows) of system disk is reserved for the system recovery software.
- <sup>5</sup> Sold separately or as an optional feature.
- <sup>6</sup> Small Form Factor can be configured with either (1) 3.5" or (2) 2.5" internal storage drive (2.5 inch drive needs adapter).
- <sup>7</sup> 2.5-inch drive needs adapter that can only be purchased when configuring the PC from factory with a 2.5" drive.
- <sup>8</sup> HD-DVD disks cannot be played on the DVD-ROM drive. No support for DVD-RAM. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs. Discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.
- <sup>9</sup> Intel® i225-T1 PCIe® GbE: Sold separately or as an optional feature, which is subject to change and availability.
- <sup>10</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 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 802.11ax WLAN devices. Only available in countries where 802.11ax is supported.
- <sup>11</sup> Antimicrobial Wired Mouse and Antimicrobial Wired Mouse and Keyboard Combo only available in China.
- <sup>12</sup> Availability may vary by country.
- <sup>13</sup> HP Support Assistant: Requires Windows and Internet access.
- <sup>14</sup> HP Driver Packs: Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- <sup>15</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>16</sup> HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.
- <sup>17</sup> HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.
- <sup>18</sup> Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.
- <sup>19</sup> HP Sure Click requires Windows 10 Pro or Enterprise. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.
- <sup>20</sup> HP Sure Sense requires Windows 10 Pro or Enterprise.
- <sup>21</sup> Storage Drivelock does not work with Self Encrypting or Optane™ based storage.
- <sup>22</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>23</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>24</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. AMD's numbering is not a measurement of clock speed.
- <sup>25</sup> 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- <sup>26</sup> Max boost for AMD processors is the maximum frequency achievable by a single core on the processor running a bursty single-threaded workload. Max boost performance varies depending on hardware, software and overall system configuration. See <https://www.amd.com/en/support/kb/faq/cpu-pb2> for more.
- <sup>27</sup> Molded pulp cushions are made from 100% recycled wood fiber and organic materials.
- <sup>28</sup> Plastic cushions are made from >90% recycled plastic.
- <sup>29</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- <sup>30</sup> Flex Port and Add-on Card are optional and must be configured at time of purchase. Max of one Flex Port and one Add-on Card can be configured.
- <sup>31</sup> Simply sign up and start using Xerox® DocuShare® Go. No credit card. No obligation. Data will become unavailable unless a subscription is entered before the end of the 30 day free trial period. See visit [www.xerox.com/docusharego](http://www.xerox.com/docusharego) for details.
- <sup>32</sup> External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
- <sup>33</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>34</sup> HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit <http://www.hp.com/smart-support>
- <sup>35</sup> HP Wolf Pro Security Edition is available preloaded on select HP PCs and includes HP Sure Click Pro and HP Sure Sense Pro. 3-year license required. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: [https://h30670.www3.hp.com/e-commerce/common/disclaimer.do#EN\\_US](https://h30670.www3.hp.com/e-commerce/common/disclaimer.do#EN_US) as modified by the following: "7. Term, unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for thirty-six (36) months thereafter ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support." HP Wolf Pro Security Edition is optimized for the SMB environment and ships pre-configured - manageability is optional. The HP Wolf Pro Security Edition supports a limited tool set that can be used by the HP Manageability Integration Kit which can be downloaded from <http://www.hp.com/go/clientmanagement>.

Sign up for updates [hp.com/go/getupdated](http://hp.com/go/getupdated)

© Copyright 2021 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Bluetooth is a trademark of its proprietor and used by HP Inc. under license. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

December 2021

--

