

HP ProDesk 405 G8 Desktop Mini PC



Set up for success

Built for smaller spaces, the affordably priced HP ProDesk 405 Desktop Mini provides essential workers with a highly secure and scalable PC with commercial-grade performance and flexible deployment capabilities.



*Product image may differ from actual product

- HP recommends Windows 10 Pro¹ for business
- AMD Ryzen™ 5000 Series processor²

Business-ready power

- Power through your day with an AMD Ryzen™ 5000 series processor² and options that include dual storage drives³, M.2 PCIe NVMe SSDs³, and up to 64 GB of DDR4 memory.³

Flexible configurations

- Whether you want to deploy your PC behind your monitor or use more traditional mounting options⁴, the HP ProDesk 405 DM easily fits in a contemporary open office or back office where additional ports let you connect to a variety of devices.

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.⁵
- 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 in 19 countries.^{6,7,8}
- Rest easy with a PC that undergoes 120,000 hours of HP's Total Test Process and MIL-STD 810 testing.^{9,10}
- Quickly access and transfer data to keep up with today's changing business requirements with advanced Dual SATA storage drives with optional RAID3, USB Type-C®, and memory with up to 3200MHz speed.³
- Tested for 1000 cleanings, high-touched exterior surfaces can be cleaned using commonly available household disinfecting and cleaning wipes.¹¹
- 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.¹²
- 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.¹³
- 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.¹⁴

HP ProDesk 405 G8 Desktop Mini PC Specifications Table



*Product image may differ from actual product

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business ¹ Windows 10 Pro 64 (National Academic only) ^{1,2} Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹ FreeDOS
Processor family¹⁰	AMD Athlon™ processor; AMD Ryzen™ 3 PRO processor; AMD Ryzen™ 3 processor; AMD Ryzen™ 5 PRO processor; AMD Ryzen™ 5 processor; AMD Ryzen™ 7 PRO processor; AMD Ryzen™ 7 processor
Available Processors^{5,22}	AMD Ryzen™ 7 PRO 5750GE with Radeon™ Graphics (3.2 GHz base clock, up to 4.6 GHz max boost clock, 16 MB L3 cache, 8 cores) AMD Ryzen™ 5 PRO 5650GE with Radeon™ Graphics (3.4 GHz base clock, up to 4.4 GHz max boost clock, 16 MB L3 cache, 6 cores) AMD Ryzen™ 3 PRO 5350GE with Radeon™ Graphics (3.6 GHz base clock, up to 4.2 GHz max boost clock, 8 MB L3 cache, 4 cores) AMD Ryzen™ 7 5700GE with Radeon™ Graphics (3.2 GHz base clock, up to 4.6 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) AMD Ryzen™ 5 5600GE with Radeon™ Graphics (3.4 GHz base clock, up to 4.4 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) AMD Athlon™ Gold PRO 41500GE with Radeon™ Graphics (3.3 GHz base clock, up to 3.7 GHz max boost clock, 4 cores, 4 threads) AMD Ryzen™ 3 5300GE with Radeon™ Graphics (3.6 GHz base clock, up to 4.2 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads)
Chipset	AMD PRO 565
Form factor	Mini
Maximum memory	64 GB DDR4-3200 SDRAM ^{6,7,19}
Memory slots	2 SODIMM
Internal storage	500 GB up to 2 TB SATA HDD ³ 500 GB SATA SED Opal 2 HDD ³ 256 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD ² 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD ²
Available Graphics	Integrated: AMD Radeon™ Graphics (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 M.2 slot for WLAN and 1 M.2 2280 slot for storage.)
Ports and Connectors	Front: 1 headphone/microphone combo; 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 2 SuperSpeed USB Type-A 10Gbps signaling rate ³⁹ Rear: 1 RJ-45; 1 HDMI 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 5Gbps signaling rate
Optional Ports	Flex IO port 1 – choose one of the following options: DisplayPort™ 1.4, HDMI 2.0, VGA, SuperSpeed USB Type-C® 10Gbps signaling rate (100W Power Delivery, alternate mode DisplayPort™); Flex IO port 2 – choose one of the following options: 2 USB 2.0 Type-A 480Mbps signaling rate or serial ¹⁸
Available Keyboards^{12,16}	HP 125 Antimicrobial Wired Keyboard; HP 125 Wired Keyboard; HP USB Business Slim SmartCard CCID Keyboard; HP Wired Desktop 320K Keyboard
Available Pointing Devices^{12,16}	HP USB Fingerprint Mouse; HP Wired Desktop 320M mouse; HP USB and PS/2 washable mouse; HP 125 Wired Mouse; HP 128 Laser Wired Mouse; HP 125 Antimicrobial Wired Mouse
Communications⁹	Realtek RTL8111FPH-CG GbE
Drive Bays	One 2.5" ¹⁷
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Software^{25,40}	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Desktop Support Utilities; Xerox® DocuShare® 90 day free trial offer
Software support	HP Smart Support
Security management^{21,23,29,37,38}	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
Security Software Licenses	HP Wolf Pro Security Edition ⁵⁶
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 ^{1,35,36}
Power	65 W external power adapter, up to 89% efficiency
Dimensions	6.97 x 6.89 x 1.34 in; 17.7 x 17.5 x 3.4 cm
Weight	2.74 lb; 1.25 kg (Exact weight depends on configuration.)
Energy efficiency compliance¹³	ENERGY STAR® certified; EPEAT® registered
Sustainable impact specifications^{14,31,32,33,34}	75% post-consumer recycled plastic; Low Halogen; 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, I/O strip and bezel frame

HP ProDesk 405 G8 Desktop Mini PC

Accessories and services (not included)

HP 16GB DDR4-3200 SODIMM



Boost the capabilities of your HP Business Desktop PC and improve system performance and application responsiveness with low-power, high-speed DDR4 memory from HP.
Product number: 13L75AA

HP PCIe NVMe TLC 256GB SSD M.2 Drive



Revolutionize large file handling and response times with HP PCIe NVMe TLC 256GB SSD M.2 Drive, a remarkably affordable and innovative PCIe-based NVMe memory SSD storage solution.
Product number: 1CA51AA

HP 225 Wired Mouse and Keyboard Combo



Think how much you use your mouse and keyboard. That's why we've taken the time to design products that are comfortable to use so you can work productively every day - and all day if necessary.
Product number: 286J4AA

HP B300 Bracket with Power Supply Holder



Customize an altogether better solution with the HP B300 Bracket with Power Supply Holder, which lets you attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select HP EliteDisplays and HP Z Displays.¹
Product number: 7DB37AA

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 90W Mini Power Supply Kit.¹
Product number: L2X04AA

Additional Services (Not included)



HP Care Pack

U18HXE - HP 4 year Active Care Next Business Day Onsite Hardware Support
U18J1E - HP 5 year Active Care Next Business Day Onsite Hardware Support with Defective Media Retention

HP ProDesk 405 G8 Desktop Mini PC

Messaging Footnotes

- ¹ 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>.
- ² 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.
- ³ Optional feature that must be configured at the time of purchase.
- ⁴ Sold separately or as an optional feature.
- ⁵ PC speaker enclosure and front bezel I/O strip components each made with 5% ocean-bound plastic.
- ⁶ 100% 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.
- ⁷ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
- ⁸ 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.
- ⁹ 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.
- ¹⁰ 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>) not applicable to HP Elite c1030 Chromebook.
- ¹¹ HP Sure Start Gen6 is available on select HP PCs and requires Windows 10.
- ¹² HP Sure Sense is available on select HP PCs and is not available with Windows 10 Home.
- ¹³ HP Sure Click requires Windows 10. See https://bit.ly/2PrLT6A_SureClick for complete details.

Technical Specifications Footnotes

- ¹ 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/>.
- ² 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.
- ³ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of disk is reserved for system recovery software.
- ⁴ Must be configured at time of purchase.
- ⁵ 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.
- ⁶ 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.
- ⁷ All memory slots are customer accessible / upgradeable.
- ⁸ 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>
- ⁹ Wireless access point and internet service required.
- ¹⁰ 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>
- ¹¹ HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- ¹² Antimicrobial Wired Mouse and Antimicrobial Wired Mouse and Keyboard Combo only available in China.
- ¹³ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information
- ¹⁴ External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
- ¹⁵ All power supplies are not available in every region.
- ¹⁶ Availability may vary by country.
- ¹⁷ The 2.5" SATA drive bay can be both HDD and SSD.
- ¹⁸ Ports are optional. Max of one Flex Port 1 can be configured, with Serial port sold separately or as an optional feature. Max of one Flex Port 2 can be configured, and must be configured at time of purchase.
- ¹⁹ Actual data rate is determined by both the system's configured processor and memory module installed.
- ²⁰ HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.
- ²¹ 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.
- ²² Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.
- ²³ 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.
- ²⁴ HP Support Assistant requires Windows and Internet access.
- ²⁵ Windows Defender Opt In, Windows 10, and internet connection required for updates.
- ²⁶ Ivanti Management Suite: subscription required.
- ²⁷ HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
- ²⁸ 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>.
- ²⁹ Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- ³⁰ Molded pulp cushions are made from 100% recycled wood fiber and organic materials.
- ³¹ 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- ³² Percentage of ocean-bound plastic contained in each component varies by product.
- ³³ 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>.
- ³⁴ HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- ³⁵ HP Sure Sense requires Windows 10 Pro or Enterprise.
- ³⁶ Storage Drivelock does not work with Self Encrypting or Optane™ based storage.
- ³⁷ headphone/microphone combo OMTP and CTIA.
- ³⁸ Xerox® DocuShare® 90 day free trial offer with the corresponding footnote: 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 90 day free trial period. See visit www.xerox.com/docusharego for details.
- ³⁹ 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>
- ⁴⁰ HP Wolf Pro Security Edition (including HP Sure Click Pro and HP Sure Sense Pro) is available preloaded on select SKUs and, depending on the HP product purchased, includes a paid 1-year or 3-year license. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as that EULA is 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 either a twelve (12) month or thirty-six (36) month license term ("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.

Sign up for updates 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.

2021 August 20

