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 11 Pro for business

Business-ready power

- Power through your day with an AMD Ryzen™ 5000 series processor[2] and options that include dual storage drives3, M.2 PCIe NVMe SSDs[3], 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 options[4], 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 11 Pro[1] Windows 11 Home – HP recommends Windows 11 Pro for business[1] Windows 11 Home Single Language – HP recommends Windows 11 Pro for business[1] Windows 10 Pro[1] 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[10]	AMD Athlon™ processor; AMD Ryzen™ 3 processor; AMD Ryzen™ 5 processor; AMD Ryzen™ 7 processor
Available Processors[5,22]	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	32 GB DDR4-3200 SDRAM [6,7,19]
Memory slots	2 SODIMM
Internal storage	500 GB up to 2 TB SATA HDD[3] 256 GB up to 512 GB PCIe® NVMe™ 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, serial, 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]
Input devices	HP Wired Desktop 320K Keyboard; HP USB Business Slim SmartCard CCID Keyboard; HP 125 Wired Keyboard[16]; HP Wired Desktop 320M mouse; HP 125 Wired Mouse[16];
Communications	LAN: Realtek RTL8111FPH-CG GbE ; WLAN: Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® M.2; Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® M.2 combo with external antenna ;
Drive Bays	One 2.5" [17]
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH;
Software	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Desktop Support Utilities; Xerox® DocuShare® 90 day free trial offer; [25,40]
Available software	HP Smart Support[41]
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;[21,23,29,37,38]
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[11,35,36]
Power	65 W external power adapter, up to 89% efficiency
Dimensions	17.7 x 17.5 x 3.4 cm
Weight	1.25 kg (Exact weight depends on configuration.)
Ecolabels	ENERGY STAR® certified; EPEAT® registered[13]
Sustainable impact specifications	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[14,31,32,33,34]
Warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Accessories and services (not included)

HP E24u G4 FHD USB-C Monitor

Enjoy an enhanced viewing experience and make the most of your desk space by charging your PC with a single USB-C® cable straight from your monitor. Work comfortably through your day on the HP E24u G4 FHD USB-C Monitor, with optimized ergonomics, HP Eye Ease, and Full HD resolution. Make life easy for IT with remote manageability[1].
Product number: 189T0AA

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

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Messaging Footnotes

[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.

[6] PC speaker enclosure and front bezel I/O strip components each made with 5% ocean-bound plastic

[7] 100% outer box packaging made form 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.

[8] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

[9] 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.

[10] 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.

[11] 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.

[12] HP Sure Start Gen6 is available on select HP PCs and requires Windows 10.

[13] HP Sure Sense is available on select HP PCs and is not available with Windows 10 Home.

[14] 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 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 .

[3] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows) 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.

[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.

[21] 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.

[22] 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.

[23] Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.

[24] 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.

[25] HP Support Assistant requires Windows and Internet access.

[26] Windows Defender Opt In, Windows 10, and internet connection required for updates.

[28] Ivanti Management Suite: subscription required.

[29] HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

[30] 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.

[31] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

[32] Molded pulp cushions are made from 100% recycled wood fiber and organic materials.

[33] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

[34] Percentage of ocean-bound plastic contained in each component varies by product.

[35] 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.

[36] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement.

[37] HP Sure Sense requires Windows 10 Pro or Enterprise.

[38] Storage Drivelock does not work with Self Encrypting or Optane™ based storage.

[39] headphone/microphone combo OMTP and CTIA.

[40] 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.

[41] 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

[56] 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.

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