Data sheet

HP ProDesk 400 G6 Desktop Mini PC

A value-added, commercial-grade PC performer

Experience powerful everyday business performance and security in a stylish, petite package at an economical price point with the HP ProDesk 400 Desktop Mini. Get essential productivity, built-in security, and scalable flexibility everywhere you need a desktop.



*Product image may differ from actual product

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Robust power for your daily demands

- Get solid desktop performance for your workflows in a surprisingly small package from up to a 10th Gen Intel® processor[2] and configurable options[3] including PCIe® NVMe™ SSD storage, high-speed DDR4 memory, and SuperSpeed USB Type-C® 10Gbps signaling rate connectivity.

Adaptable flexibility for a range of settings

- Configure your Mini your way with flex ports for legacy support or clean desk connectivity or expand with optional dual storage and expansion modules.[3] Install in an HP Mini-in-One 24 Display[4] or attach behind an HP monitor[2] for streamlined setups.

Built on a secure foundation

- Protect your Mini with hardware-enforced solutions like HP BIOSphere Gen6[5], HP Sure Sense[6], HP Sure Click[7], and HP Manageability Integration Kit.[8] Ease fleet deployment and management with the optional Intel® Q470 chipset and Intel® vPro™.[9]

Tested and ready

- Rest easy with a reliable PC that goes the distance, is designed to pass 120,000 hours of HP Total Test Process[10] and undergoes MIL-STD 810G testing.[11] Help protect your Mini from dust ingress with an optional removable dust filter.[3]
- Customize your Mini solution with a range of exclusive accessories that secure and mount your Mini and its power supply on a monitor, wall or rack.[3]
- A high-efficiency power supply, ocean-bound plastics used in the speaker box, and molded-pulp packaging help reduce the impact on the environment.[12]
- Malware is evolving rapidly, and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.[6]
- Keep productivity high and downtime low with HP BIOSphere Gen6 firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.[5]
- Help protect your PC from websites, read only Microsoft Office and PDF attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.[7]
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.[8]
- Enjoy always-on, included self-help support built right into your PC, for the life of your PC.[14]
- Simplify securing your PC. HP Client Security Manager Gen6 offers a single interface to set up and manage powerful security features, including HP SpareKey and HP Password Manager.[13]
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant.

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HP ProDesk 400 G6 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	10th Generation Intel® Core™ i3 processor; 10th Generation Intel® Core™ i5 processor; 10th Generation Intel® Core™ i7 processor; Intel® Pentium® processor
Available Processors[5,22,32]	Intel® Core™ i3-10100T with Intel® UHD Graphics 630 (3.0 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i5-10500T with Intel® UHD Graphics 630 (2.3 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores); Intel® Core™ i5-10400T with Intel® UHD Graphics 630 (2.0 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores); Intel® Pentium® Gold G6400T with Intel® UHD Graphics 610 (3.4 GHz base frequency, 4 MB L3 cache, 2 cores); Intel® Core™ i7-10700T with Intel® UHD Graphics 630 (2.0 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores)
Chipset[32]	Intel® Q470
Form factor	Mini
Maximum memory	32 GB DDR4-2666 SDRAM; 32 GB DDR4-3200 SDRAM [6,7,19] Transfer rates up to 2666 MT/s for Celeron®, Pentium®, Intel® Core™ i3, and Intel® Core™ i5 processors. Transfer rates up to 2933 MT/s for Intel® Core™ i7 processors
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] up to 1 TB PCIe® NVMe™ TLC M.2 SSD[2] 256 GB Intel® Optane™ Memory H10 with Solid State Storage[2,34] 16 GB NVMe™ Intel® Optane™ Memory for storage acceleration[34]
Available Graphics	Integrated: Intel® UHD Graphics 630; Intel® UHD Graphics 610 (Integrated graphics will depend on processor.)
Audio	Realtek ALC3867 codec, universal audio jack with CTIA 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; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging)[39] ; Rear: 1 RJ-45; 1 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 1.4b; 2 USB Type-A 480Mbps 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 USB wired keyboard; HP Wired Desktop 320K Keyboard; HP USB Business Slim SmartCard CCID Keyboard[16]; HP USB optical mouse; HP Wired Desktop 320M mouse[16];
Communications	LAN: Intel® I219LM GbE ; WLAN: Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5.1 M.2 combo, non-vPro® ;
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]
Available software	HP Smart Support
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; HP Client Security Manager Gen6;[21,23,27,29,37,38]
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); HP Cloud Recovery; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 4; HP Image Assistant Gen 5[11,35,36,40]
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® 2019 registered where applicable[13]
Sustainable impact specifications	Low halogen[14]
Warranty	1 year (1-1-0) limited warranty and service offering includes 1 year of parts and labor. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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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

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Messaging Footnotes

[2] 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, branding and/or naming is not a measurement of higher performance.
[3] Sold separately or as an optional feature.
[4] HP Mini-in-One 24 Display sold separately. PC must be configured with optional USB-C® with 100W Power Delivery card.
[5] HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.
[6] HP Sure Sense requires Windows 10.
[7] HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
[8] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.
[9] For full Intel® vPro™ functionality, Windows, a vPro supported processor, vPro enabled Q370 chipset or higher and vPro enabled WLAN card are required. Some functionality, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility of this generation of Intel vPro technology-based hardware with future "virtual appliances" is yet to be determined.
[10] 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.
[11] MIL-STD testing 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. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.
[12] Speaker enclosure component made with 5% ocean bound plastic.
[13] HP Client Security Manager Gen6 requires Windows and is available on the select HP Elite and Pro PCs.
[14] Requires Windows and internet access.

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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
[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] HP Native Miracast Support: Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[11] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.
[12] Intel® Identity Protection Technology (Intel® IPT): Models configured with Intel® Core™ processors have the ability to utilize advanced security protection for online transactions. Intel® IPT, used in conjunction with participating web sites, provides double identity authentication by adding a hardware component in addition to the usual user name and password. Intel® IPT is initialized through an HP Client Security module.
[13] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[14] External power supplies, power cords, cables and peripherals are not Low Halogen. 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 Drive Lock is not supported on NVMe drives.
[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] 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 for more information.
[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.
[27] HP Client Security Manager Gen6 requires Windows and is available on the select HP Elite and Pro PCs.
[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] Skype for Business Certified: Sold separately or as an optional feature.
[32] For full Intel® vPro™ functionality, Windows, a vPro supported processor, vPro enabled chipset or higher and vPro enabled WLAN card are required. Some functionality, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility of this generation of Intel vPro technology-based hardware with future "virtual appliances" is yet to be determined.
[34] Intel® Optane™ memory is sold separately. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Available for HP commercial desktops and notebooks and for select HP workstations (HP Z240 Tower/SFF, Z2 Mini, ZBook Studio, 15 and 17 G5) and requires a SATA HDD, 7th Gen or higher Intel® Core™ processor or Intel ® Xeon® processor E3-1200 V6 product family or higher, BIOS version with Intel® Optane™ supported, Windows 10 version 1703 or higher, 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 an Intel® Rapid Storage Technology (Intel® RST) 15.5 driver.
[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] 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

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