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.

HP recommends Windows 10 Pro for business

- HP recommends Windows 10 Pro[1] for business
- Intel® Core™ processors[2]

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.

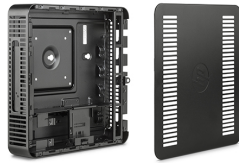# HP ProDesk 400 G6 Desktop Mini PC Specifications Table

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 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™ i3-10300T with Intel® UHD Graphics 630 (3.0 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 8 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), supports Intel® vPro® Technology; Intel® Core™ i5-10600T with Intel® UHD Graphics 630 (2.4 GHz base frequency, up to 4.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; 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 G6500T with Intel® UHD Graphics 630 (3.5 GHz base frequency, 4 MB L3 cache, 2 cores); Intel® Pentium® Gold G6400T with Intel® UHD Graphics 610 (3.4 GHz base frequency, 4 MB L3 cache, 2 cores); Intel® Core™ i5-10600T with Intel® UHD Graphics 630 (2.4 GHz base frequency, up to 4.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 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), supports Intel® vPro® Technology; 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	64 GB DDR4-2666 SDRAM; 64 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] up to 500 GB SATA SED Opal 2 HDD [3] up to 500 GB SATA SED FIPS HDD [3] 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD [2] 128 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] 256 GB up to 512 GB Intel® Optane™ Memory H10 with Solid State Storage [2,34]
Storage acceleration	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 ALC3205 codec, internal speaker, combo microphone/headphone jack
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 Wireless Business Slim Keyboard and Mouse Combo; HP Wired Desktop 320K Keyboard[16]; HP USB 1000 dpi Laser Mouse; HP USB Hardened Mouse; HP USB Optical Mouse; HP USB Fingerprint Mouse; HP Wired Desktop 320M Mouse[16]
Communications	LAN: Intel® I219LM GbE WLAN: Realtek RTL8821CE 802.11b/g/n/ac (1x1) and Bluetooth® M.2 combo card; Intel® Wi-Fi 6 AX201 (2x2) Wi-Fi® and Bluetooth® M.2 combo card, non-vPro™; Intel® Wi-Fi 6 AX201 (2x2) Wi-Fi® and Bluetooth® M.2 combo card, vPro™; Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® M.2 combo card [9,32];
Drive Bays	One 2.5" [17]
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
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.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered where applicable[13]
Environmental specifications	Low halogen[14]

HP ProDesk 400 G6 Desktop Mini PC

Accessories and services (not included)

HP Desktop Mini LockBox V2

Fortify your HP Desktop Mini in a range of settings with the HP Desktop Mini LockBox V2[1], HP's most secure enclosure for your PC, power brick, and cable connections.
Product number: 3EJ57AA

HP 16GB DDR4-2666 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: 3TK84AA

HP Quick Release Bracket 2

Use the HP Quick Release Bracket 2 to attach your HP Desktop Mini to an HP display[1] and a variety of stands, arms or wall mounts.[2] The failsafe "Sure-Lock" mechanism snaps the PC securely in place, and can be further secured with a theft-deterrent security screw.
Product number: 6KD15AA

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 I/O Module

Keep working with your existing peripherals and add legacy ports to your HP Desktop Mini PC with the HP Desktop Mini I/O Module.
Product number: K9Q84AA

HP USB 1000dpi Laser Mouse

Obtain the speed and accuracy of laser tracking in a simple, elegant design with the HP USB 1000dpi Laser Mouse – for the latest in laser sensing technology.
Product number: QY778AA

HP 3-year Next Business Day Onsite Optional Customer Self Repair Desktop/Workstation Only Hardware Service

Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit www.hp.com/go/cpc.
Product number: UE379E

HP ProDesk 400 G6 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] 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 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. 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.

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