HP ProDesk 400 G4 Desktop Mini PC

Designed to fit the modern workspace with a compact, stylish appearance, the ultra-small HP ProDesk 400 Desktop Mini is an affordable PC with reliability and performance for your growing business.

HP recommends Windows 10 Pro.

- Windows 10 Pro[1]
- Intel® Core™ processors[2]

Powerful and configurable

- Power through your day with a solution you can flexibly configure with an 8th Gen Intel® Core™ processor[2] and options that include SSD storage[4], and up to 32 GB of DDR4 memory.[4]

Expansion that extends your investment

- Maximize the life of your PC as your business requirements change with a wide range of storage options[4] such as the latest M.2 slots, traditional SATA drives, and configurable ports to connect up to three HP displays.[5]

Place it where you need it

- Take your footprint down to near zero with a PC that attaches behind an HP EliteDisplay[6], or mount[7] and secure it almost anywhere with HP accessories.[4] Declutter your space with short cables and rear I/O ports that connect to a range of displays.[3]

HP-exclusive security and manageability

- Help prevent data breaches and downtime with HP BIOSphere Gen4[8] and protect against web-based attacks with HP Sure Click.[9] Easily manage devices through Microsoft System Center Configuration Manager with HP Manageability Integration Kit.[10]

Featuring

- Be productive in any situation with Windows 10 Pro and powerful security, collaboration, and connectivity features from HP.
- Keep productivity high and downtime low with HP BIOSphere Gen4 firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.
- Help protect your PC from websites, attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- HP Client Security Manager Gen4 features multi-factor authentication, HP Device Access Manager, HP SpareKey, and HP Password Manager. These tools work to keep data out of reach and defend against theft, attacks, and unauthorized users.
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant Gen3.
- Enjoy always-on, included self-help support built right into your PC, for the life of your PC, with HP Support Assistant.
- Rest easy with a PC that goes the distance and is designed to pass HP's Total Test Process.

HP ProDesk 400 G4 Desktop Mini PC Specifications Table

Form Factor	Mini
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. [1] Windows 10 Pro 64 (National Academic only) [1,2] FreeDOS 2.0
Processor Family [4]	8th Generation Intel® Core™ i7 processor (i7-8700T); Intel® Celeron® processor (G4900T is Windows 10 only); 8th Generation Intel® Core™ i5 processor (i5-8500T, i5-8600T); 8th Generation Intel® Core™ i3 processor (i3-8100T, i3-8300T); Intel® Pentium® processor (G5400T, G5500T are Windows 10 only); 8th Generation Intel® Core™ i7+ processor (i7-8700); 8th Generation Intel® Core™ i5+ processor (8500T, 8600T)
Available Processors [16,32,33]	Intel® Core™ i7-8700T with Intel® UHD Graphics 630 (2.4 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores); Intel® Core™ i5-8600T with Intel® UHD Graphics 630 (2.3 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i5-8500T with Intel® UHD Graphics 630 (2.1 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i3-8300T with Intel® UHD Graphics 630 (3.2 GHz, 8 MB cache, 4 cores); Intel® Core™ i3-8100T with Intel® UHD Graphics 630 (3.1 GHz, 6 MB cache, 4 cores); Intel® Pentium® Gold G5500T with Intel® UHD Graphics 630 (3.2 GHz, 4 MB cache, 2 cores); Intel® Pentium® Gold G5400T with Intel® UHD Graphics 610 (3.1 GHz, 4 MB cache, 2 cores); Intel® Celeron® G4900T with Intel® UHD Graphics 610 (2.9 GHz, 2 MB cache, 2 cores); Intel® Core™ i7+ 8700T (Core™ i7 and 16 GB Intel® Optane™ memory) (2.4 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores); Intel® Core™ i5+ 8600T (Core™ i5 and 16 GB Intel® Optane™ memory) (2.3 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i5+ 8500T (Core™ i5 and 16 GB Intel® Optane™ memory) (2.1 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores)
Chipset	Intel® B360
Maximum Memory	32 GB DDR4-2666 SDRAM [6,7] Transfer rates up to 2666 MT/s.
Memory Slots	2 SODIMM
Internal Storage	500 GB up to 2 TB SATA HDD [3] up to 500 GB 7200 rpm SATA SED Opal 2 HDD [3] up to 500 GB 7200 rpm SATA SED FIPS HDD [3] 500 GB up to 2 TB 5400 rpm SATA SSHD [3] 256 GB up to 512 GB SATA SSD [3] 256 GB up to 512 GB SATA SED Opal 2 TLC SSD [3] 256 GB up to 512 GB SATA SED FIPS SSD [3] 128 GB up to 512 GB PCIe® NVMe™ TLC M.2 SSD [3] 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD [3] 128 GB up to 512 GB PCIe® NVMe™ M.2 SSD [3]
Available Graphics	Integrated: Intel® UHD Graphics 630; Intel® UHD Graphics 610
Audio	Conexant CX20632 codec, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Expansion Slots	1 M.2 2230; 1 M.2 2230/2280 (1 M.2 slot for WLAN and 1 M.2 2230/2280 slot for storage.)
Ports and Connectors	Front: 1 headphone; 1 headset connector; 2 USB 3.1 Gen 1 Rear: 1 RJ-45; 2 DisplayPort 1.2; 2 USB 3.1 Gen 1; 2 USB 2.0[31] Optional: 1 DisplayPort™ 1.2; 1 serial; 1 VGA; 1 HDMI 2.0; 1 USB 3.1 Type-C™ Gen 2 (DisplayPort™)[34]
Input Devices	HP USB Keyboard and Mouse Combo; HP USB Value Keyboard and Mouse Combo; HP USB Wired Keyboard; HP Wireless Business Slim Keyboard and Mouse Combo; HP Wireless Premium Keyboard and Mouse Combo; USB Business Slim Standalone Wired Keyboard; HP USB Collaboration Wired Keyboard; HP Wireless Collaboration Keyboard [9] HP USB 1000 dpi Laser Mouse; HP USB Mouse; HP USB Optical Mouse; HP USB Premium Mouse [9]
Communications	LAN: Realtek RTL8111HSH-CG GbE WLAN: Intel® 3168 802.11ac (1x1) wireless and Bluetooth® Combo M.2 PCIe®; Intel® Dual Band Wireless-AC 7265 802.11ac (2x2) and Bluetooth® 4.0 Combo M.2 PCIe®; Realtek RTL8822BE-CG 802.11a/b/g/n/ac (2x2) with Bluetooth® 4.2 M.2 PCIe®; Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® 5 M.2 PCIe®, non-vPro™; Realtek RTL8821CE-CG 802.11a/b/g/n/ac (1x1) with Bluetooth® M.2 PCIe® [8]
Drive Bays	One 2.5" HDD
Available Software	HP Device Access Manager; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP PhoneWise; HP Recovery Manager; HP Secure Erase; HP Support Assistant; HP Sure Click; Native Miracast Support; HP Wireless Wakeup; Buy Office (sold separately); Windows Defender [13,17,19,20,21,23]
Security Management	DriveLock; Hood sensor; HP BIOSphere; HP Credential Manager; HP Password Manager; HP Power On Authentication; HP Security Manager; HP Spare Key; Power-on password (via BIOS); Removable media write/boot control; SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified); USB enable/disable (via BIOS); Master Boot Record Security; HP Client Security Suite Gen 4; Pre-boot Authentication; Serial enable/disable (via BIOS) [12,27,28,29,35]
Management Features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); Update BIOS via Cloud or Network (BIOS feature); Ivanti Management Suite; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2 [14,25,26]
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.)
Environmental	Low halogen [11]
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Gold [5]

HP ProDesk 400 G4 Desktop Mini PC

Recommended Accessories and Services

HP B300 PC Mounting Bracket

Customize an altogether better solution with the HP B300 PC Mounting Bracket, which lets you attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select 2017 and 2018 HP EliteDisplays and HP Z Displays.[1]
Product number: 2DW53AA

HP Desktop Mini Security/Dual VESA Sleeve v2

Wrap your HP Desktop Mini PC in the HP Desktop Mini Security/Dual VESA Sleeve v2 to securely mount it—with or without an Expansion Module[1]—behind your display, position the solution on a wall, and lock it down with the integrated security bracket and optional HP Ultra-Slim Cable Lock.
Product number: 2JA32AA

HP Quick Release Bracket

A secure and easy-to-use mounting solution for your VESA-compliant HP thin clients, compatible HP flat panel monitors and other HP desktop products. Attach to any a compatible stand, bracket or wall mount and make the most of your workspace.
Product number: EM870AA

HP Master Keyed Cable Lock 10mm

Help keep your notebook safe in the office and high-traffic areas by tethering it to a secure surface with the HP Master Keyed Cable Lock 10mm, designed specifically for ultra-thin profile notebooks.
Product number: T1A63AA

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

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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
[3] Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system and requires configuration with an optional Intel® Core™ i(5 or 7)+ processor.
[4] Sold separately or as an optional feature.
[5] Displays sold separately. Support for up to three video outputs via two standard video connectors and an optional third video port connector, which provides the following choices: DisplayPort™ 1.2, HDMI 2.0, VGA or USB Type-C™ with Display Output.
[6] Display sold separately. Requires HP B300 or B500 PC Mounting Bracket for Monitors, sold separately. See display QuickSpecs for bracket guidance.
[7] Mounting hardware sold separately.
[8] HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.
[9] HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.
[10] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement.

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 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 10) of system disk is reserved for the system recovery software.
[4] 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
[5] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. See HP's 3rd party option store for solar energy accessory at www.hp.com/go/options.
[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] Wireless access point and internet service required.
[9] Availability may vary by country.
[11] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[12] HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.
[13] HP Native Miracast Support: Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[14] HP Driver Packs: HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.
[16] 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.
[17] Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.
[19] HP Support Assistant requires Windows and Internet access.
[20] Windows Defender Opt In, Windows 10, and internet connection required for updates.
[21] HP PhoneWise Client may not be available with HP Workwise. For supported platforms and HP PhoneWise system requirements see www.hp.com/go/HPPhoneWise.
[23] HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.
[25] 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
[26] Ivanti Management Suite: subscription required.
[27] HP Client Security Suite Gen 4: HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.
[28] 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.
[29] Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified): In some scenarios, machines pre-configured with Windows OS might ship with TPM turned off.
[31] When configurable I/O port has been configured, one DisplayPort™ may be blocked in select configurations.
[32] 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.
[33] Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system and requires configuration with an optional Intel® Core™ i(5 or 7)+ processor.
[34] (1) Configurable port: Choice of Serial, DisplayPort™ 1.2, HDMI™ 2.0, HDMI™ 2.0 with one DisplayPort™ blocked, VGA, VGA with one DisplayPort™ blocked, USB 3.1 Type-C™ Gen 2 (DisplayPort™), sold separately or as an optional feature.
[35] HP Drive Lock is not supported on NVMe drives.

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