HP ProDesk 400 G5 Microtower PC

Reliable and future ready

Designed to fit the modern workspace now and in the future, the stylishly designed, reliable, and secure HP ProDesk 400 MT is a powerful PC with scalable performance that can grow with your business.

HP recommends Windows 10 Pro for business

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

Powerful options

- Power through your day with a high-performance 8th Gen Intel® Core™ processor[2] and options that include Intel® Optane™ memory[3], SSD storage[4], and up to 32 GB of DDR4 memory[4].

Expansion that extends your investment

- The full value of your investment comes with expansion that extends the life of your PC. The HP ProDesk 400 MT has three bays and three full-height slots, and optional ports[4] to connect to up to three HP displays[5].

Connection hub

- With eight total USB ports and optional Bluetooth® [4] connectivity, the HP ProDesk 400 MT becomes a hub for all your devices in the office.

Tested and ready

- The reliable HP ProDesk 400 MT experienced 120,000 hours of the HP Total Test Process[6] and now has an optional dust filter[4] to help extend the life of your PC by reducing airborne particulate intake in the most demanding work environments.

Featuring

- Power through your day with Windows 10 Pro with built-in security, collaboration, and connectivity.
- 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.
- Keep productivity high and downtime low with the fully integrated and automated features of the HP BIOSphere Gen4 firmware ecosystem. Your PCs have extra protection thanks to automatic updates and security checks.
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- 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.
- Enjoy always-on, included self-help support built right into your PC, for the life of your PC.
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant Gen3.
- Rest easy with a PC that goes the distance and is designed to pass 120,000 hours of HP's Total Test Process.

HP ProDesk 400 G5 Microtower 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)[2] Windows 10 Home 64[1] Windows 10 Home Single Language 64[1] FreeDOS
Processor family[4]	8th Generation Intel® Core™ i3 processor (i3-8100, i3-8300); 8th Generation Intel® Core™ i5 processor (i5-8500, i5-8600); 8th Generation Intel® Core™ i5+ processor (i5-8500, i5-8600); 8th Generation Intel® Core™ i7 processor (i7-8700); 8th Generation Intel® Core™ i7+ processor (i7-8700); Intel® Celeron® processor (G4900 is Windows 10 only); Intel® Pentium® processor (G5400, G5500, G5600 are Windows 10 only)
Available Processors[33,34,35,39,40]	Intel® Core™ i7-8700 with Intel® UHD Graphics 630 (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores) Intel® Core™ i3-8100 with Intel® UHD Graphics 630 (3.6 GHz, 6 MB cache, 4 cores) Intel® Celeron® G4900 with Intel® UHD Graphics 610 (3.1 GHz, 2 MB cache, 2 cores) Intel® Core™ i5-8500 with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Pentium® Gold G5400 with Intel® UHD Graphics 610 (3.7 GHz, 4 MB cache, 2 cores) Intel® Core™ i5-8600 with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i3-8300 with Intel® UHD Graphics 630 (3.7 GHz, 8 MB cache, 4 cores) Intel® Pentium® Gold G5500 with Intel® UHD Graphics 630 (3.8 GHz, 4 MB cache, 2 cores) Intel® Core™ i7+ 8700 (Core™ i7 and 16 GB Intel® Optane™ memory) (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores) Intel® Core™ i5+ 8600 (Core™ i5 and 16 GB Intel® Optane™ memory) (3.1 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i5+ 8500 (Core™ i5 and 16 GB Intel® Optane™ memory) (3 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores)
Chipset[39]	Intel® B360
Viewing angle	##displayviewangle##
Form factor	Microtower
Maximum memory	32 GB DDR4-2666 SDRAM [6,7] Transfer rates up to 2666 MT/s.
Memory slots	2 DIMM
Internal storage	500 GB up to 2 TB SATA HDD[3] 500 GB SATA SED Opal 2 HDD[3] 500 GB SATA FIPS SED HDD[3] 256 GB up to 512 GB SATA SSD[3] 256 GB up to 512 GB SATA SED Opal 2 TLC SSD[3] 128 GB up to 512 GB PCIe® NVMe™ M.2 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] 256 GB up to 512 GB SATA SED FIPS 140-2 SSD[3]
Storage acceleration[38]	16 GB NVMe™ Intel® Optane™ Memory for storage acceleration
Optical drive[8]	HP 9.5 mm Slim DVD-Writer; HP 9.5 mm Slim DVD-ROM; HP 9.5 mm Slim Blu-ray writer
Available Graphics	Integrated: Intel® UHD Graphics 630; Intel® UHD Graphics 610[36] Discrete: NVIDIA® GeForce® GT 730 (2 GB GDDR5 dedicated); AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated); AMD Radeon™ RX 550 Graphics (4 GB GDDR5 dedicated); AMD Radeon™ 520 Graphics (1 GB GDDR5 dedicated)
Audio	Conexant CX20632 codec, 2 W internal speaker, 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 PCIe 3 x16; 2 PCIe 3 x1; One 4-in-1 media card reader [10] (1 M.2 2230 slot for WLAN and 1 M.2 2230/2280 slot for storage.)
Ports and Connectors	Front: 1 headset connector; 2 USB 3.1 Gen 1[16] Rear: 1 audio-in; 1 audio-out; 1 DisplayPort™ 1.2; 1 power connector; 1 RJ-45; 1 VGA; 2 USB 3.1 Gen 1; 4 USB 2.0 Optional: 1 DisplayPort™ 1.2; 1 VGA; 1 serial and 1 serial and PS/2 ports combination; 1 HDMI 2.0; 1 USB 3.1 Type-C™ Gen 2 (DisplayPort™)
Available Keyboards	HP USB Conferencing Keyboard; HP USB Healthcare Edition Keyboard and Mouse Combo; HP USB PS/2 Washable Keyboard; 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; HP USB Business Slim Smart Card (CCID) Keyboard; HP Wireless Premium Standalone Keyboard[9]
Available Pointing Devices	HP Grey V2 Mouse; HP PS/2 Mouse; HP USB 1000 dpi Laser Mouse; HP USB and PS/2 Washable Mouse; HP USB Optical Mouse; HP USB Premium Mouse[9]
LAN[11] Network Interface[11]	Intel® I210-T1 PCIe® GbE Realtek RTL8111HSH-CG GbE
WLAN [8,12,39]	Realtek RTL8821CE-CG 802.11a/b/g/n/ac (1x1) with Bluetooth® 4.2 M.2 PCIe® Realtek RTL8723DE 802.11b/g/n (1x1) M.2 PCIe® and Bluetooth® Combo Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® M.2 PCIe®, non-vPro™
Drive Bays	One 3.5" HDD; One 3.5" (2.5") HDD [17]
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Available Software[14,23,25,26,29]	HP Device Access Manager; HP Hotkey Support; HP Noise Cancellation Software; HP Recovery Manager; HP Secure Erase; HP Support Assistant; HP Sure Click; Native Miracast Support; HP Wireless Wakeup; Buy Office (sold separately); Windows Defender; HP JumpStarts
Security management[13,19,21,22,37]	DriveLock; HP BIOSphere; HP Client Security Suite Gen 4; HP Credential Manager; HP Password Manager; HP Power On Authentication; HP Security Manager; HP Spare Key; Master Boot Record Security; Power-on password (via BIOS); Pre-boot Authentication; Removable media write/boot control; SATA port disablement (via BIOS); Serial enable/disable (via BIOS); Setup password (via BIOS); Standard lock slot; Support for chassis padlocks and cable lock devices; TPM 2.0 (Firmware: 7.85) endpoint security controller (Infineon SLB9670) shipped with Windows 10. Common Criteria EAL4+ Certified. FIPS 140-2 Level 2 Certified; USB enable/disable (via BIOS)
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Cloud Recovery; HP Driver Packs (download); HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2; HP System Software Manager (download); Ivanti Management Suite; Update BIOS via Cloud or Network (BIOS feature)[15,31,32,41]
Power	180 W internal power supply, up to 90% efficiency, active PFC; 310 W internal power supply, up to 90% efficiency, active PFC; 250 W internal power supply, up to 92% efficiency, active PFC180 W internal power supply, up to 90% efficiency, active PFC; 250 W internal power supply, up to 92% efficiency, active PFC
Dimensions	6.69 x 10.79 x 13.3 in; 17 x 27.4 x 33.8 cm
Weight	12.06 lb; 5.47 kg
Ergonomic features	##displaytiltswiv##
Energy efficiency compliance[5]	ENERGY STAR® certified; EPEAT® 2019 registered where applicable
Warranty	3 year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Accessories and services (not included)

HP 4 year Next Business Day Onsite Hardware Support for Desktops

When hardware issues come up, the sooner you can get running again, the better. Have expertise at the ready with HP Hardware Next Business Day Onsite Service, and vastly improve your product uptime. With high-quality remote assistance or convenient onsite support available the next business day, help is there when you need it—so you can get back to work.
Product number: U7897E (for 4 year platforms), U7899E (for 5 year platforms)

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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] 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] 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.

[7] HP Client Security Manager Gen4 requires Windows and Intel® or AMD 8th Gen processors.

[8] HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.

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

[10] 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.

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

[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] Sold separately or as an optional feature.

[9] Availability may vary by country.

[10] SD 3 with 4-in-1 Interface (Supports SD, SDXC, SDHC, UHS-I); It will be PCI Express x1 and PCI on 480 model.

[11] Intel® I210-T1 PCIe® GbE: Sold separately or as an optional feature.

[12] Wireless access point and internet service required.

[13] HP BIOSphere: HP BIOSphere Gen4 features may vary depending on the PC platform and configurations requires 8th Gen Intel® processors.

[14] HP Native Miracast Support: Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.

[15] HP Driver Packs: HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.

[16] The four USB 3.1 Gen 1 ports will be moved to front side on 480 model.

[17] Configuration will be (1) 3.5" internal storage drive bay or (1) 2.5" internal storage drive bay and (1) 3.5" internal storage drive bay.

[19] HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.

[21] 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.

[22] 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.

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

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

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

[29] HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, 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.

[31] 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.

[32] Ivanti Management Suite: subscription required.

[33] 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.

[34] 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.

[35] 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.

[36] Intel® UHD Graphics 610: integrated on Pentium® Gold G5400, Pentium® Gold G5400T, Celeron® G4900, Celeron® G4900T; Intel® UHD Graphics 630: integrated on 8th gen Core i7/i5/i3 processors and Pentium® Gold G5500, Pentium® Gold G5500T.

[37] HP Drive Lock is not supported on NVMe drives.

[38] 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.

[39] For full Intel® vPro™ functionality, Windows, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN card and discrete TPM 2.0 are required. See http://intel.com/vpro

[40] Some functionality of vPro, 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 dependant on 3rd party software providers. Compatibility with future "virtual appliances" is yet to be determined.

[41] 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.

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