



HP ProDesk 405 G6 Small Form Factor PC

Power and reliability for your business

The affordable HP ProDesk 405 Small Form Factor PC provides your essential workers with the commercial-grade performance they require in a highly secure and scalable PC with the power your growing business needs.



HP recommends Windows 10 Pro for business

- HP recommends Windows 10 Pro¹ for business
- AMD² Processor

Solid performance and configurability

- Power through your day with a solution you can flexibly configure with an AMD Ryzen™ PRO Processor² and options that include dual storage with RAID configuration,³ M.2 PCIe NVMe SSDs,³ discrete graphics³, and up to 64 GB of DDR4 memory.³

Expandable capability and capacity

- Configure the new space-saving design of the expandable HP ProDesk 405 SFF with two bays and two slots, plus, two additional M.2 slots, and plenty of configurable ports.³

Built on a secure foundation

- HP Sure Sense⁴ uses advanced protection backed with deep-learning AI to help defend against never-before-seen threats. An intrusion sensor along with an integrated accessory cable lock help secure your cabled mouse and keyboard from theft.

Tested and ready

- Rest easy with a reliable PC that goes the distance, is designed to pass 120,000 hours of HP Total Test Process⁵ and undergoes MIL-STD 810H testing.⁶ Help protect your SFF from dust ingress with an optional removable dust filter.³
- Support a commitment to create and use more sustainable products. The high-efficiency power supply, use of ocean-bound plastics in the speaker box and molded pulp packaging help reduce the impact on the environment.⁷
- The HP ProDesk 405 SFF becomes a hub for all your devices in the office with nine total native USB ports, optional ports to connect up to three HP Displays, and optional Bluetooth® connectivity.^{3,8}
- Cover more ground and improve connectivity while on Wi-Fi® with HP Extended Range Wireless LAN that allows greater distance from transmission point and fast data throughput at shorter ranges.⁹
- 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.⁴
- 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.¹⁰
- Keep productivity high and downtime low with the fully integrated and automated features of the HP BIOSphere Gen6 firmware ecosystem. Your PCs have extra protection thanks to automatic updates and security checks.¹¹
- Deploy the HP Manageability Integration Kit to help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft System Center Configuration Manager.¹²
- Improve the quality and security of custom Windows images with HP Image Assistant which assists ITDMs with image creation, identifies problems, and provides recommendations and remediation.

HP ProDesk 405 G6 Small Form Factor 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 ^{3,4}	AMD Ryzen™ 3 PRO processor; AMD Ryzen™ 5 PRO processor; AMD Ryzen™ 7 PRO processor; AMD Athlon™ Gold PRO processor
Available Processors ^{27,29,31}	AMD Athlon™ Gold PRO 3150G with Radeon™ Graphics (3.5 GHz base clock, up to 3.9 GHz max boost clock, 4 MB L3 cache, 4 cores); AMD Ryzen™ 5 PRO 3400G with Radeon™ Vega 11 Graphics (3.7 GHz base clock, up to 4.2 GHz max boost clock, 4 MB L3 cache, 4 cores); AMD Ryzen™ 3 PRO 3200G with Radeon™ Vega 8 Graphics (3.6 GHz base clock, up to 4.0 GHz max boost clock, 4 MB L3 cache, 4 cores); AMD Ryzen™ 7 PRO 4750G with Radeon™ Graphics (3.6 GHz base clock, up to 4.4 GHz max boost clock, 8 MB L3 cache, 8 cores); AMD Ryzen™ 5 PRO 4650G with Radeon™ Graphics (3.7 GHz base clock, up to 4.2 GHz max boost clock, 8 MB L3 cache, 6 cores); AMD Ryzen™ 3 PRO 4350G with Radeon™ Graphics (3.8 GHz base clock, up to 4.0 GHz max boost clock, 4 MB L3 cache, 4 cores); AMD Ryzen™ 5 PRO 3350G with Radeon™ Graphics (3.6 GHz base clock, up to 4.0 GHz max boost clock, 4 MB L3 cache, 4 cores)
Chipset	AMD PRO 565
Form factor	Small form factor
Maximum memory	64 GB DDR4-2666 SDRAM; 64 GB DDR4-3200 SDRAM ^{3,4} Transfer rates up to 2666 MT/s for AMD Ryzen™ and Athlon™ 3000 Series Processors. Transfer rates up to 3200 MT/s for AMD Ryzen™ 4000 Series Processors
Memory slots	2 DIMM
Internal storage	500 GB up to 2 TB SATA HDD ^{5,7,8} up to 500 GB SATA SED Opal 2 HDD ^{5,7,8} up to 500 GB SATA SED FIPS HDD ^{5,7,8} 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD ^{5,7,8} 128 GB up to 1 TB PCIe® NVMe™ TLC M.2 SSD ^{5,7,8} 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD ^{5,7,8}
Optical drive	HP 9.5 mm Slim Blu-ray writer; HP 9.5 mm Slim DVD-ROM; HP 9.5 mm Slim DVD-Writer ⁶
Available Graphics	Integrated: AMD Radeon™ Graphics Discrete: AMD Radeon™ RX 550X Graphics (4 GB GDDR5 dedicated); AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated) (Integrated graphics will depend on processor.)
Audio	Realtek ALC3205 codec; 2 W internal speaker, universal audio jack, combo microphone/headphone jack
Expansion slots	1 M.2 2230; 1 M.2 2280; 1 PCIe 3 x16; 1 PCIe 3 x1 ¹¹ (1 M.2 2230 slot for WLAN and 1 M.2 2280 slot for storage.)
Ports and Connectors	Front: 1 headphone/microphone combo; 4 SuperSpeed USB Type-A 5Gbps signaling rate Rear: 1 audio-out; 1 power connector; 1 RJ-45; 3 SuperSpeed USB Type-A 5Gbps signaling rate; 2 USB Type-A 480Mbps signaling rate; 2 DisplayPort™ 1.4 Optional Ports: 1 SD 4 card reader; Add-on card – choose one of the following options: 4x Serial, serial and PS/2 ports combination or parallel; Flex IO port – choose one of the following options: DisplayPort™ 1.4, VGA, HDMI 2.0, serial, SuperSpeed USB Type-C® 10Gbps signaling rate (alternate mode DisplayPort™), Dual SuperSpeed USB Type-A 5Gbps signaling rate ³⁵
Input devices	HP USB wired keyboard; HP USB and PS2 Washable Keyboard; HP Wired Desktop 320MK Mouse and Keyboard; HP Wireless Business Slim Keyboard and mouse combo; HP USB Business Slim SmartCard CCID Keyboard ¹⁵ ; HP USB 1000 dpi Laser Mouse; HP USB and PS/2 Washable Mouse; HP USB Hardened Mouse; HP USB Optical Mouse; HP USB Fingerprint Mouse; HP Wired Desktop 320M Mouse ¹⁵ ;
Communications	LAN: Intel® I210-T1 PCIe® GbE; Realtek RTL8111FPH-CG GbE ¹² ; WLAN: Intel® Wi-Fi 6 AX200 (2x2) and Bluetooth® M.2 Combo Card non-vPro®; Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® M.2 combo card; Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® M.2 combo card ¹³ ;
Drive Bays	One 3.5" HDD convertible to two 2.5" HDD with caddy ^{7,8}
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 5 to 90% RH;
Software	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Desktop Support Utilities ¹⁶
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 ^{20,21,22,23,24,25}
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 ^{16,18,19}
Power	180 W internal power supply, up to 90% efficiency, active PFC; 210 W internal power supply, up to 92% efficiency, active PFC
Dimensions	27 x 9.5 x 30.3 cm
Weight	3.9 kg (Weight will vary by configuration)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered where applicable ²⁶
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 EliteDisplay E243 60.45 cm (23.8") Monitor



Style meets substance in a strikingly modern business display crafted for optimal viewing, productivity, and ergonomics. The HP EliteDisplay E243 60.45 cm (23.8") Monitor has a 3-sided micro-edge bezel for seamless multi-display tiling and 4-way adjustability so you can comfortably power through your day. Proven performance and reliability to deliver maximum investment protection.
Product number: 1FH47AA

HP 16GB DDR4-2666 DIMM



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. Proven performance and reliability to deliver maximum investment protection.
Product number: 3TK83AA

HP PCIe NVMe TLC 512GB SSD M.2 Drive



Reduce boot up, calculation, and graphics response times and revolutionize how your HP Business Desktop handles large files with the HP PCIe NVMe TLC 512GB SSD M.2 Drive, a remarkably affordable and innovative PCIe-based NVMe memory SSD storage solution. Reduce boot up, calculation, and graphics response times and revolutionize how your HP Business Desktop handles large files with the HP Turbo Drive G2 TLC 512GB Drive, a remarkably affordable and innovative PCIe-based NVMe memory SSD storage solution.
Product number: X8U75AA

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

- 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. AMD's numbering is not a measurement of clock speed.
- ³ Sold separately or as an optional feature.
- ⁴ HP Sure Sense requires Windows 10.
- ⁵ 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.
- ⁶ 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.
- ⁷ Speaker enclosure component made with 5% ocean bound plastic.
- ⁸ 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.
- ⁹ Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.
- ¹⁰ HP Client Security Manager Gen6 requires Windows and is available on the select HP Elite and Pro PCs.
- ¹¹ HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.
- ¹² HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.

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 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.
- ⁴ All memory slots are customer accessible / upgradeable.
- ⁵ 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.
- ⁶ Sold separately or as an optional feature. With Blu-Ray, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. HD-DVD movies cannot be played on this PC. Don't copy copyright-protected content.
- ⁷ Small Form Factor can be configured with either (1) 3.5" or (2) 2.5" internal storage drive (2.5 inch drive needs adapter).
- ⁸ 2.5-inch drive needs adapter that can only be purchased when configuring the PC from factory with a 2.5" drive.
- ¹¹ SD 4.0 with 5-in-1 Interface (Supports SD, SDXC, SDHC, UHS-I, UHS-II). Sold separately or as an optional feature.
- ¹² Intel® i210-T1 PCIe® GbE: Sold separately or as an optional feature, which is subject to change and availability.
- ¹³ Wireless access point and internet service required. Availability of public wireless access points limited. Wi-Fi 5 (802.11 ac) is backwards compatible with prior 802.11 specs.
- ¹⁵ Availability may vary by country.
- ¹⁶ HP Support Assistant: Requires Windows and Internet access.
- ¹⁷ HP Driver Packs: Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- ¹⁸ HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- ¹⁹ 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>.
- ²⁰ HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.
- ²¹ Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.
- ²² HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
- ²³ HP Client Security Manager Gen6 requires Windows and is available on the select HP Elite and Pro PCs.
- ²⁴ HP Sure Sense requires Windows 10 Pro or Enterprise.
- ²⁵ Storage Drivelock does not work with Self Encrypting or Optane™ based storage.
- ²⁶ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- ²⁷ 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>
- ²⁹ 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.
- ³¹ 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.
- ³⁵ Flex Port and Add-on Card are optional and must be configured at time of purchase. Max of one Flex Port and one Add-on Card can be configured.

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October 2020

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