



HP ProDesk 405 G4 Small Form Factor PC

Powerful performance, ready for business

Featuring the performance and strong security needed by today's high-productivity workforce, the space-saving and stylish design of the HP 405 SFF compliments the modern workspace.



HP recommends Windows 10 Pro for business

- HP recommends Windows 10 Pro¹ for business
- AMD Ryzen™ 3 or 5 PRO²

Powerful option

- Get high performance for your business with your choice of a 65W AMD Ryzen™ 3 PRO or a Ryzen™ 5 PRO Processor². Amplify performance more with up to 64 GB³ of powerful memory and graphics options.³

Connection hub

- With 11 total USB ports including one USB Type-C™, up to three video outputs, and optional Bluetooth®³ connectivity, the HP 405 G4 SFF becomes a hub for all your devices in the office.

Built on a secure foundation

- Help protect your PC from security threats with ease using the single interface of HP Client Security Manager⁴. Receive automatic updates through HP BIOSphere Gen4⁵ and help stay protected online with HP Sure Click⁶.

Reliability for the long haul

- This work-ready PC is designed for a long lifecycle with up to 18-months of platform stability. It passed 120,000 hours of testing in the HP Total Test Process⁷, and has an optional removable dust filter.³
- Be productive in any situation. Windows 10 Pro and powerful security, and connectivity features from HP help you power through your day.
- Help lower power waste and save money with a highly-efficient power supply.
- Configure the new space-saving design of the expandable HP 405 SFF with two bays and two slots, plus, two additional M.2 slots, and plenty of configurable ports.
- Simplify securing your PC. HP Client Security Manager offers a single interface to set up and manage powerful security features.
- 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.
- Help protect your PC from websites, attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant Gen3.
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- Get answers to everyday support questions with HP Support Assistant, an included self-help tool. It's ready to go the first time you turn on your PC, it updates automatically, and you can directly connect to HP Support through the tool.

HP ProDesk 405 G4 Small Form Factor PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business ¹ Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹ FreeDOS
Processor family	AMD Ryzen™ 3 PRO processor; AMD Ryzen™ 5 PRO processor
Available Processors^{3,5}	AMD Ryzen™ 3 PRO 2200G Quad-Core with Radeon™ Vega 8 Graphics (3.5 GHz base clock, up to 3.7 GHz max boost clock, 348 KB L1 cache, 2 MB L2 cache, 4 MB L3 cache); AMD Ryzen™ 5 PRO 2400G Quad-Core with Radeon™ Vega 11 Graphics (3.6 GHz base clock, up to 3.9 GHz max boost clock, 384 KB L1 cache, 2 MB L2 cache, 4 MB L3 cache)
Chipset⁴	AMD B350 FCH
Form factor	Small form factor
Maximum memory	32 GB DDR4-2666 SDRAM Transfer rates up to 2666 MT/s.
Memory slots	4 DIMM
Internal storage	500 GB up to 2 TB 7200 rpm SATA ⁶ 256 GB up to 512 GB PCIe® NVMe™ SSD ⁶ 128 GB up to 1 TB PCIe® NVMe™ TLC M.2 SSD ⁶
Additional storage	5-in-1 SD card reader
Optical drive	HP 9.5 mm Slim DVD-Writer ⁸
Available Graphics	Integrated: AMD Radeon™ Vega 11 Graphics; AMD Radeon™ Vega 8 Graphics Discrete: AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated); AMD Radeon™ RX 550X Graphics (4 GB GDDR5 dedicated) ¹⁰
Audio	Conexant CX20632 codec, universal audio jack front port, audio line in and out rear ports (3.5 mm), multi-streaming capable
Expansion slots	1 M.2 2230; 1 M.2 2230/2280; 1 PCI x1; 1 PCIe x16 (1 M.2 slot for WLAN and 1 M.2 2230/2280 slot for storage.)
Ports and Connectors	Front: 1 headphone connector; 1 USB 2.0; 1 USB 2.0 (fast charging); 1 USB Type-C™ (charging); 2 USB 3.1 Gen 1 Rear: 1 audio-in; 1 audio-out; 1 power connector; 1 RJ-45; 2 DisplayPort™ 1.2; 2 USB 3.1 Gen 1; 4 USB 2.0 Optional: 1 DisplayPort™ 1.2; 1 HDMI 2.0; 1 serial; 1 serial and PS/2 ports combination; 1 USB 3.1 Type-C™ Gen 1 (DisplayPort™); 1 VGA
Input devices	HP USB Business Slim Keyboard; HP USB Keyboard; HP USB Business Slim Smart Card (CCID) Keyboard; HP USB Optical Mouse ¹¹ ;
Communications	LAN: Realtek RTL8111EPH GbE ; WLAN: Intel® Dual Band Wireless-AC Wi-Fi 5 9260 (2x2) and Bluetooth® 5 M.2, non-vPro™ ⁹ ;
Drive Bays	1 slim ODD; 1 slim ODD; One 3.5" HDD convertible to two 2.5" HDD ⁷
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Security management	Hood sensor; HP BIOSphere Gen4; HP Client Security Manager Gen4; HP DriveLock and Automatic DriveLock; HP Power On Authentication; Master Boot Record Security; Power-on password (via BIOS); Pre-boot Authentication; SATA port disablement (via BIOS); Serial enable/disable (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); USB enable/disable (via BIOS) ^{21,23,24,25,26}
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2; HP System Software Manager (download); Update BIOS via Cloud or Network (BIOS feature) ^{17,18}
Power	180 W internal power supply, up to 92% efficiency, active PFC
Dimensions	9.5 x 27 x 29.6 cm
Weight	4.53 kg (Exact weight depends on configuration.)
Ergonomic features	##displaytiltswiv##
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered where applicable ¹⁹
Environmental specifications	Low halogen ²⁰
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 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 Module¹—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. 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 Module¹—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. Offering the perfect combination of performance, reliability and investment protection to any IT environment. For businesses that require superior stability and manageability with low lifecycle costs, or desktops with proven technology, superior price/performance and a wide choice of features, or even entry-level PCs that balance price and essential computing capabilities – the HP Desktop family holds the solution.
Product number: 2JA32AA

HP Wireless Slim Business Keyboard



Enjoy easy data entry and wireless connectivity with the HP Wireless Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs. Enjoy easy data entry and wireless connectivity with the HP Wireless Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs. Offering the perfect combination of performance, reliability and investment protection to any IT environment. For businesses that require superior stability and manageability with low lifecycle costs, or desktops with proven technology, superior price/performance and a wide choice of features, or even entry-level PCs that balance price and essential computing capabilities – the HP Desktop family holds the solution.
Product number: N3R88AA

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 Client Security Manager Gen4 requires Windows and is available on the select HP PCs. See product specifications for details.
- ⁵ HP BIOSphere Gen4 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.
- ⁶ 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.
- ⁷ 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.
- ⁸ 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>.
- ⁹ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ¹⁰ 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 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.
- ⁴ NOTE: 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 Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- ⁶ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) of disk is reserved for system recovery software.
- ⁷ 2.5" drive needs adapter that can only be purchased when configuring the PC from factory with a 2.5" drive.
- ⁸ HD-DVD disks cannot be played on this drive. No support for DVD-RAM. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs. Discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.
- ⁹ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11 ac) is backwards compatible with prior 802.11 specs.
- ¹⁰ Sold separately or as an optional feature.
- ¹¹ HP USB Hardened Mouse: Not available in all regions.
- ¹² Native Miracast Support: is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- ¹³ 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™.
- ¹⁴ Absolute Persistence module: Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
- ¹⁵ HP Support Assistant: requires Windows and Internet access.
- ¹⁶ Windows Defender: Windows Defender Opt In, Windows 10, and internet connection required for updates.
- ¹⁷ HP Driver Packs: not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>
- ¹⁸ HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2: HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>
- ¹⁹ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- ²⁰ External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- ²¹ HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.
- ²² Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified): Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).
- ²³ HP DriveLock and Automatic DriveLock is not supported on NVMe drives.
- ²⁴ 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.
- ²⁵ HP Client Security Manager Gen4 requires Windows and Intel® or AMD 8th generation processors.

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November 2019

