Solid performance and configurability
Power through your day with a solution you can flexibly configure with an AMD Ryzen™ PRO Processor\(^1\) and options that include dual storage drives\(^2\), M.2 PCIe NVMe SSDs\(^2\), and up to 64 GB of DDR4 memory\(^2\).

Expandable capability and capacity
Maximize your PC with dual storage\(^2\) and two flex ports that allows you to add a video port, or an additional USB port\(^2\). Pair with an HP Mini-in-One 24 Display\(^3\) with a USB Type-C® 3.1 Gen 2 port\(^2\).

Built on a secure foundation
Protect your Mini with hardware-enforced solutions like HP BIOSphere Gen6\(^4\), HP Sure Sense Gen6\(^5\), HP Sure Click\(^6\), and HP Manageability Integration Kit\(^7\).

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\(^4\) and undergoes MIL-STD 810H testing\(^5\). Help protect your Mini from dust ingress with an optional removable dust filter\(^2\).
## HP ProDesk 405 G6 Desktop Mini PC

<table>
<thead>
<tr>
<th>Processor/Chipset</th>
<th>AMD Ryzen™ PRO 4000 Series Desktop Processors (AMD Ryzen™ 7 PRO 4750GE; AMD Ryzen™ 5 PRO 4650GE; AMD Ryzen™ 3 PRO 4350GE)1 AMD PRO 565</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>Windows 10 Pro/ Home 64 28</td>
</tr>
<tr>
<td>Form Factor</td>
<td>Mini</td>
</tr>
<tr>
<td>Maximum Memory</td>
<td>64 GB DDR4-2666/ 3200 SDRAM 6, 7, 8 Transfer rates up to 3200 MT/s 9</td>
</tr>
<tr>
<td>Memory Slots</td>
<td>2 SODIMM</td>
</tr>
<tr>
<td>Internal Storage</td>
<td>Up to 1TB PCIe® NVMe™ TLC M.2 SSD10 Up to 512GB PCIe® NVMe™ SED Opal2 TLC M.2 SSD10 Up to 512GB PCIe® NVMe™ M.2 SSD10 Up to 2TB SATA HDD10 500GB Sata SED Opal2 SSD10 500GB SATA SED FIPS SSD19</td>
</tr>
<tr>
<td>Graphics and Audio</td>
<td>Integrated: AMD Radeon™ Vega 7 Graphics (Integrated graphics will depend on processor) 1 headphone/microphone combo11</td>
</tr>
<tr>
<td>Expansion Slots</td>
<td>1 M.2 2230; 1 M.2 2280 (1 PCIe® M.2 2230 slot for WLAN/BT and 1 PCIe® M.2 2280 slot for storage)</td>
</tr>
</tbody>
</table>
| Ports and Connectors | **Front:** 1 headphone/microphone combo11; 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate (charging)  
**Rear:** 1 external WLAN antenna connector; 1 power connector; 1 RJ-45; 1 DisplayPort™ 1.4; 1 HDMI 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate  
**Option Flex IO 1** 12: 1 DisplayPort™; 1 HDMI; 1 VGA; 1 Serial; 1 SuperSpeed USB Type-C® 10Gbps signaling rate (100W Power Delivery, alternate mode DisplayPort™)  
**Option Flex IO 2** 12: 2 Hi-Speed USB Type-A 480Mbps signaling rate; 1 Serial |
| Drive Bays       | One 2.5" HDD                                                                                                                                      |
| Input Devices    | Keyboard13: HP Wired Desktop 320K Keyboard  
Keyboard13: HP Wired Desktop 320M Mouse; HP USB Optical Mouse; HP USB Fingerprint Mouse  
Keyboard13: HP Wireless Business Slim Keyboard and Mouse |
| Communications   | LAN: Realtek RTL8111FP GbE  
WLAN: Intel® Wi-Fi 6 AX200 802.11ax 2x2 with Bluetooth® M.2 Combo Card; Realtek RTL8822CE 802.11ac 2x2 with Bluetooth® M.2 Combo Card; Realtek RTL8821CE 802.11ac 1x1 with Bluetooth® M.2 Combo Card14 |
| Security/Manageability | Intrusion sensor; Absolute persistence module15; HP DriveLock and Automatic DriveLock16; Power-on authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click17; HP Sure Sense Gen618; HP Secure Erase20; HP BIOSphere Gen6 23; HP Client Security Manager Gen6 24; HP Manageability Integration Kit Gen6 25; HP Driver Packs26; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog |
| Power            | 65 W external power adapter, up to 89% efficiency                                                                                              |
| Dimensions (W x D x H) | 17.7 x 17.5 x 3.4 cm; 6.97 x 6.89 x 1.35 in                                                                                                     |
| Weight           | 1.25 kg; 2.74 lb (Exact weight depends on configuration)                                                                                     |
FOOTNOTES

1. 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.

2. Sold separately or as an optional feature.

3. HP Mini-in-One 24 Display sold separately. PC must be configured with optional USB-C® with 100W Power Delivery card.

4. 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 Service.

5. 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.

6. Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.

7. 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.

8. All memory slots are customer accessible / upgradeable.

9. Actual data rate is determined by both the system’s configured processor and memory module installed.

10. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.

11. Headphone/microphone combo OMMTP and CTTA.

12. 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.

13. Availability may vary by country.

14. Wireless access point and Internet service required and not included. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax devices.

15. Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: https://www.absolute.com/about/legal/agreements/absolute/.

16. HP Drive Lock & Automatic Drive Lock is not supported on NiMe™ drives.

17. HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

18. HP Sure Sense requires Windows 10 Pro or Enterprise. See product specifications for availability.

19. HP Sure Start Gen6 is available on select HP PCs.

20. HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.

21. HP Sure Recover Gen3 is available on select HP PCs and requires an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. Network-based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.

22. HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 “Clear” sanitization method. HP Secure Erase does not support platforms with Intel® Optane™.

23. 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.

24. HP Client Security Manager Gen6 requires Windows and is available on the select HP Pro and Elite PCs.
