

Datasheet

HP ProDesk 600 G4 Desktop Mini PC



Future-ready reliability and performance.

Designed to fit the modern workspace, the stylish and ultra-small HP ProDesk 600 Desktop Mini is a powerful and reliable PC with performance, security, and manageability features for your business.



HP recommends Windows 10 Pro.

- Windows 10 Pro¹
- Intel® Core™ processors²

Business-ready performance, nicely packaged

- Power through your day with a solution you can flexibly configure with an 8th Gen Intel® Core™ processor² and options that include Intel® Optane™ memory³, SSD storage⁴, and up to 32 GB of DDR4 memory.⁴

Expansion that extends your investment

- Maximize the life of your PC with options⁴ that let you expand on your own schedule, including dual M.2 slots which allow for SSD RAID, traditional SATA drives, and a configurable I/O port.

Place it where you need it

- Take your footprint down to near zero with a PC that attaches behind an HP EliteDisplay⁵, or mount⁶ and secure it almost anywhere with HP accessories.⁴ Declutter with USB-C™, short cables, and rear I/O ports that connect to a range of displays.⁴

HP exclusive security and manageability

- Protect against BIOS attacks with HP Sure Start Gen4.⁷ Help prevent data breaches and downtime with HP BIOSphere Gen4⁸ and easily manage devices through Microsoft System Center Configuration Manager with HP Manageability Integration Kit.⁹

Featuring

- Be productive in any situation with Windows 10 Pro and powerful security, collaboration, and connectivity features from HP.¹
- Protect your PC with the hardware-enforced self-healing protection of HP Sure Start Gen4 that automatically recovers the BIOS.⁷
- Help protect your PC from websites, attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.¹⁰
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.⁹
- Keep data out of reach and defend against theft, attacks, and unauthorized users with HP Client Security Manager Gen4.¹¹
- 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.⁸
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant Gen3.
- Greatly improve data, voice, and video communication transfer rates over challenged LAN and Wi-Fi networks with HP Velocity.
- 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 Total Test Process.

HP ProDesk 600 G4 Desktop Mini PC Specifications Table



Form Factor	Mini
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. ¹ Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹ FreeDOS 2.0
Maximum Memory	Up to 32 GB DDR4-2666 SDRAM ^{3,4} Standard memory note: Transfer rates up to 2666 MT/s.
Memory slots	2 SODIMM
Internal Storage	500 GB up to 1 TB 7200 rpm SATA HDD ² up to 500 GB SATA SED Opal 2 HDD ² 256 GB up to 512 GB SATA SSD ² 256 GB up to 512 GB SATA SED Opal 2 TLC SSD ² 128 GB up to 512 GB PCIe® NVMe™ M.2 SSD ² 128 GB up to 512 GB PCIe® NVMe™ TLC M.2 SSD ² 500 GB up to 2 TB 5400 rpm SATA ²
Audio	Conexant CX20632 codec, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Communications	LAN: Intel® I219LM GbE WLAN: Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® 5 M.2, non-vPro™ ⁵
Expansion Slots	1 M.2 2230; 2 M.2 2230/2280 (1 M.2 slot for WLAN and 2 M.2 2230/2280 slot for storage.)
Ports and Connectors	Front: 1 headphone; 1 headset connector; 1 USB 3.1 Gen 1; 1 USB 3.1 Gen 2; 1 USB 3.1 Type-C™ Gen 2 ¹⁵ Rear: 1 RJ-45; 2 DisplayPort™ 1.2; 2 USB 3.1 Gen 1; 2 USB 3.1 Gen 2; 1 configurable video port ⁸
Internal Drive Bays	One 2.5" HDD
Input Device	HP USB Conferencing Keyboard; HP USB Business Slim Keyboard; HP USB Business Slim Smart Card (CCID) Keyboard ⁶ HP USB 1000 dpi Laser Mouse; HP USB Optical Mouse ⁶
Available Software	Absolute Persistence module; HP Device Access Manager; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP PhoneWise; HP Recovery Manager; HP Secure Erase; HP Support Assistant; HP Sure Click; HP Velocity; Microsoft Defender; Native Miracast Support; HP Wireless Wakeup; Buy Office (sold separately); HP WorkWise ⁹
Security Management	DriveLock; Hood sensor; HP BIOSphere; HP Credential Manager; HP Password Manager; HP Power On Authentication; HP Spare Key; Intel® Identity Protection Technology (Intel® IPT); Power-on password (via BIOS); RAID configurations; Removable media write/boot control; SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; USB enable/disable (via BIOS); Master Boot Record Security; HP Client Security Suite Gen 4; HP Sure Start Gen 4; Pre-boot Authentication; Serial enable/disable (via BIOS); Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified) ⁷
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 ¹⁰
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 ¹²
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Gold ¹¹

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Accessories and services (not included)

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 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.

Product number: 2JA32AA

HP Desktop Mini Rack Mount Tray Kit Module



Put your HP Desktop Mini PCs to work behind the scenes with HP Desktop Mini Rack Mount Tray Kit Modules, which holds up to eight PCs and fit into the HP 100kg Sliding Shelf.¹

Product number: G1K21AA

HP Desktop Mini 500GB Hard Drive I/O Module



Add an extra hard drive to your HP Desktop Mini PC and enable compatibility with your existing and legacy peripherals with the HP Desktop Mini 500GB HDD/I/O Module.

Product number: K9Q82AA

HP Keyed Cable Lock 10 mm



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: T1A62AA

HP 5 year Next business day Onsite Desktop Only Hardware Support

Receive 5 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: U7899E



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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™ i5 or i7+ processor.
- ⁴ Sold separately or as an optional feature.
- ⁵ Display sold separately. Requires HP B300 or B500 PC Mounting Bracket for Monitors, sold separately. See display QuickSpecs for bracket guidance.
- ⁶ Mounting hardware sold separately.
- ⁷ HP Sure Start Gen4 is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD 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 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. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.

Technical specifications disclaimers

- 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 For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and 36 GB (for Windows 8.1/10) of system disk is reserved for the system recovery software.
- ³ 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 2133 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 Wireless access point and internet service required. The specifications for the 802.11ac WLAN are draft specifications 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 802.11ac WLAN devices.
- ⁶ Availability may vary by country.
- ⁷ Intel® Identity Protection Technology (Intel® IPT): Models configured with Intel® Core™ processors have the ability to utilize advanced security protection for online transactions. Intel® Identity Protection Technology (Intel® IPT) used in conjunction with participating web sites, provides double identity authentication by adding a hardware component in addition to the usual user name and password. Intel® Identity Protection Technology (Intel® IPT) is initialized through an HP Client Security module. HP BIOSphere Gen4: features may vary depending on the PC platform and configurations requires 8th Gen Intel® processors; HP Client Security Suite Gen 4: requires Windows and Intel® or AMD 8th generation processors; HP Passwor 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. HP Sure Start Gen 4: is available on HP ProDesk & ProOne products equipped with Intel® 8th generation processors; RAID configuration: sold separately or as an optional feature, multiple data drives setup in a RAID array is optional and requires product to be configured with vPro™ at purchase; 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 Windows OS turned off.
- ⁸ (1) Configurable video port: choice of DisplayPort™ 1.2, HDMI™ 2.0, VGA, or USB Type-C™ with display output; (2) USB 3.1 Gen 2: 10 GBit/s data speed; (3) USB 3.1 Gen 1: 5 GBit/s data speed.
- ⁹ Absolute Persistence module: 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; Native Miracast Support: is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming; HP ePrint Driver + JetAdvantage: requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Print times and connection speeds may vary; HP Support Assistant: requires Windows and Internet access; HP PhoneWise: HP PhoneWise Client may not be available with HP Workwise. For supported platforms and HP PhoneWise system requirements see www.hp.com/go/HPPhoneWise; HP WorkWise: HP WorkWise smartphone app is available as a free download on the Google Play. As of September 2017, HP WorkWise will no longer support iOS or iPhone® devices; Microsoft Defender: Microsoft Defender Opt in and internet connection required for updates; HP Sure Click: is available on select HP platforms and supports Microsoft® Internet Explorer and Chromium™. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available; HP Secure Erase: for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. Supported on Elite platforms with BIOS version F.03 or higher; HP Velocity: Availability may vary by country.
- ¹⁰ HP Driver Packs: not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>; 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>; Ivanti Management Suite: subscription required.
- ¹¹ 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.
- ¹² External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ¹⁴ 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>
- ¹⁵ (1) USB 3.1 Type-C™ Gen 2: 10 GBit/s data speed; (1) USB 3.1 Gen 2: 10 GBit/s data speed; (1) USB 3.1 Gen 1: charging, 5 GBit/s data speed.

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