Datasheet

HP ProDesk 600 G3 Desktop Mini PC

Redesigned and future ready

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

HP recommends Windows 10 Pro.

Business-ready performance, nicely packaged
- Power through your day with high-performance 7th Gen Intel® Core™ i3/i5/i7processors[2], optional Intel® Optane™ memory and SSDs[3], and up to 32 GB of DDR4 memory[3], and HP Turbo Drive G2[3].

Simple mounting solutions
- Easily deploy your Mini behind any ProDisplay[3] for a near zero footprint solution. Mount and secure it almost anywhere with HP's full ecosystem of DM accessories[3].

HP exclusive security and manageability
- Help prevent data breaches and downtime with HP BIOSphere Gen3[4] and easily manage devices through Microsoft SCCM using the HP Manageability Integration Kit[5].

Configurable I/O Port for displays
- Configure a rear I/O port for customizable display connections with your choice of VGA, DisplayPort™, HDMI or Serial Type C™ with DisplayPort™.

- Power through your day with Windows 10 Pro[1] and the powerful HP ProDesk 600 Desktop Mini with built-in security, collaboration, and connectivity.
- Keep productivity high and downtime low with HP BIOSphereGen3[5] firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.
- HP WorkWise[6] is office intelligence rolled into one smartphone app to provide PC security, real-time PC performance information, and simplified printer driver installation for HP PC users.
- The HP Manageability Integration Kit[5] helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- HP Client Security Suite Gen3[7] features HP Multi-Factor Authenticate, HP Device Access Manager[8], HP SpareKey, and HP Password Manager. These tools work to keep data out of reach and defend against theft, attacks, and unauthorized users.
- 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.
- Greatly improve the transfer rates of user's data, voice, and video communication when connecting over challenged LAN or Wi-Fi networks with HP Velocity.
- Rest easy with a PC that goes the distance and is designed to pass HP Total Test Process.
- Audio connections are easy with the Universal Audio Jacki that supports mic in, headphones, and CTIA headsets with the same connector.
- Simplify technical support with Helpdesk by HP Care. Rely on cost-effective expertise that's available 24x7, covering multiple brands, devices and operating systems[9].
- Help maximize your cash flow with the use of best-in-class hardware and services for a monthly subscription that allow you to replace your PC with a brand new one every three years[10].
- HP helps you preserve your time and optimize your resources with expert configuration and deployment services that bring you fast, accurate, and globally standardized IT solutions.

HP ProDesk 600 G3 Desktop Mini PC Specifications Table

HP recommends Windows 10 Pro.

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] Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro)[3] FreeDOS 2.0
Available Processors[4,5]	Intel® Core™ i7-7700T with Intel HD Graphics 630 (2.9 GHz, up to 3.8 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-7500T with Intel HD Graphics 630 (2.7 GHz, up to 3.3 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-7600T with Intel HD Graphics 630 (2.8 GHz, up to 3.7 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-7100T with Intel HD Graphics 630 (3.4 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-7300T with Intel HD Graphics 630 (3.5 GHz, 3 MB cache, 2 cores); Intel® Core™ i7-6700T with Intel HD Graphics 530 (2.8 GHz, up to 3.6 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-6600T with Intel HD Graphics 530 (2.7 GHz, up to 3.5 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-6500T with Intel HD Graphics 530 (2.5 GHz, up to 3.1 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-6100T with Intel HD Graphics 530 (3.2 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4560T with Intel HD Graphics 610 (2.9 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4600T with Intel HD Graphics 630 (3 GHz, 3 MB cache, 2 cores); Intel® Celeron™ G3930T with Intel HD Graphics 610 (2.7 GHz, 2 MB cache, 2 cores)
Chipset	Intel® Q270
Maximum Memory	Up to 32 GB DDR4-2400 SDRAM [6] Standard memory note: Transfer rates up to 2400 MT/s
Memory slots	2 SODIMM
Internal Storage	500 GB up to 2 TB 2.5" SATA (7200 rpm)[7] 500 GB up to 1 TB SATA SSHD (5400 rpm)[7] 256 GB up to 512 GB SATA SED SSD[7] 256 GB up to 1 TB HP Turbo Drive G2 TLC SSD (PCIe)[7] 128 GB up to 256 GB SATA SSD[7] up to 500 GB 2.5" SATA SED HDD[7]
Optical Storage	DVD-Writer (optional)
Available Graphics	Integrated: Intel® HD Graphics 530; Intel® HD Graphics 630; Intel® HD Graphics 610[10,11,12]
Audio	Conexant CX20632 codec with universal audio jack and 2W internal speaker, headset and headphone front ports (3.5 mm), multi-streaming capable
Communications	LAN: Intel® I219LM Gigabit Network Connection LOM WLAN: Intel® 8265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card vPro™; Intel® 8265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™; Intel® 7265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™[9,19]
Expansion Slots	1 M.2 2230 for optional wireless NIC; 1 M.2 2280 for storage drives
Ports and Connectors	Front: 1 USB 3.1 Type-C™ (charging); 1 USB 3.1 Gen 1; 1 USB 3.1 Gen 1 (charging); 1 Headphone connector; Universal audio jack with CTIA headset support Back: 1 security lock slot; 1 external antenna connector; 2 DisplayPort™; 4 USB 3.1 Gen 1; 1 RJ-45; 1 power connector; 1 optional port Back (optional): 1 DisplayPort™; 1 HDMI; 1 VGA; 1 serial; 1 USB 3.1 Type-C™ (DisplayPort™ alternate mode or 15 W output)[8]
Internal Drive Bays	One 6.35 cm (2.5")
Input Device	HP USB Conferencing Keyboard; HP USB Smart Card (CCID) Keyboard; HP USB Business Slim Keyboard; HP USB Grey Business Slim Keyboard[13] HP USB 1000 dpi Laser Mouse; HP Grey V2 Mouse; HP USB Optical Mouse; HP USB Hardened Mouse[13]
Available Software	HP business PCs are shipped with a variety of software titles including: HP BIOSphere Gen3, CyberLink Power Media Player, Native Miracast Support, HP ePrint Driver, HP Support Assistant. Please refer to this product's quick spec document for a full list of preinstalled software.[14,15,16]
Security Management	Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified); SATA 0,1 port disablement (via BIOS); Drive lock; Serial, USB enable/disable (via BIOS); Power-on password (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Integrated hood sensor
Management Features	Intel® vPro™ optional (Core i5 and Core i7)
Power	65 W 89% efficient
Dimensions	17.7 x 3.42 x 17.47 cm
Weight	1.21 kg
Environmental	Low halogen
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® registered configurations available[17]

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Accessories and services (not included)

HP Desktop Mini Rack Mount Tray Kit Module

G1K21AA

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]

HP Desktop Mini Chassis Tower Stand

G1K23AA

Keep it vertical. Make the most of space-constrained environments by deploying your HP Desktop Mini in a vertical orientation with the HP Desktop Mini Chassis Tower Stand.

HP Integrated Work Center for Desktop Mini and Thin Client

G1V61AA

Make the most of small work spaces with an HP IWC Desktop Mini/Thin Client that lets you create a compact desktop solution by combining a display[1] with an HP Desktop Mini, HP Thin Client or HP Chromebox[1] and giving you convenient front access to all of its inputs.

HP Desktop Mini DVD ODD Module

K9Q83AA

Add a DVD Writer to your HP Desktop Mini PC with HP Desktop Mini DVD Writer ODD Module.[1]

HP Desktop Mini I/O Module

K9Q84AA

Keep working with your existing peripherals and add legacy ports to your HP Desktop Mini PC with the HP Desktop Mini I/O Module.

HP Desktop Mini 65w Power Supply Kit

L2X04AA

Keep an extra HP Desktop Mini adapter at the ready, or take it with you if you use your HP Desktop Mini on the go with the HP Desktop 65W Mini Power Supply Kit.[1]

HP Wireless Slim Business Keyboard

N3R88AA

Enjoy easy data entry and wireless connectivity with the HP Wireless Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs.

HP USB Business Speakers v2

N3R89AA

Quickly and easily add stereo sound to your workspace with HP USB Business Speakers v2, a set of stylish desktop speakers powered by your PC's USB port.

HP Desktop Mini LockBox

P1N78AA

Fortify your HP Desktop Mini in a range of settings with the HP Desktop Mini LockBox, HP's most secure enclosure for your PC, power brick, and cable connections.

HP Desktop Mini Port Cover Kit

P3R65AA

Help prevent unauthorized access to the rear ports of your HP Desktop Mini with HP Desktop Mini Port Cover Kit.

HP Business Headset v2

T4E61AA

Quickly and easily collaborate, chat online or listen to personal media with the crystal-clear sound and noise cancelling features of the sleek, lightweight HP Business Headset v2, designed to complement your professional workspace.[1],[2]

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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 is not a measurement of higher performance.

[3] Sold separately or as an optional feature.

[4] HP BIOSphere Gen3 features may vary depending on the PC platform and configurations.

[5] HP Manageability Integration Kit is planned to be available first quarter 2017 and can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.

[6] HP WorkWise smartphone app will soon be available as a free download on the App Store and Google Play.

[7] HP Client Security Suite Gen3 requires Windows and Intel® 7th Gen processors.

[8] HP Multi Factor Authenticate requires 7th Generation Intel® Core™ processor, Intel® integrated graphics, and Intel® WLAN.

[9] HP Care Services are optional. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

[10] Financing and service offerings available through Hewlett-Packard Financial Services Company and its subsidiaries and affiliates (collectively HPFSC) in certain countries and is subject to credit approval and execution of standard HPFSC documentation. Subscriptions to use are available for 24 or 36 month terms. Rates and terms are based on customer's credit rating, offering types, services and/or equipment type and options. Not all customers may qualify. Not all services or offers are available in all countries. Other restrictions may apply. HPFSC reserves the right to change or cancel this program at any time without notice.

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] 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] This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

[4] Multicore 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 is not a measurement of higher performance.

[5] 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.

[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 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.

[8] HDMI cable sold separately or as an optional feature.

[9] Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited. 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.

[10] Intel® HD Graphics 530: integrated on 6th gen Core™ i7/i5/i3 processors

[11] Intel® HD Graphics 630: integrated on 7th gen Core™ i7/i5/i3 processors and Pentium® G4620, 4600, 4600T

[12] Intel® HD Graphics 610: integrated on Pentium® G4560, G4560T, Celeron™ G3950, G3930, G3930T

[13] Sold separately or as an optional feature.

[14] HP BIOSphere Gen 3 requires Intel® 7th generation processors.

[15] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast.

[16] HP ePrint Driver 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). Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.

[17] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

[18] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

[19] Wake on Lan feature is not available.

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