

HP ProDesk 600 G4 Microtower PC Specifications Table



Form Factor	Microtower
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. ¹ Windows 10 Pro 64 (National Academic only) ¹³ Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹ FreeDOS 2.0
Processor Family¹⁴	Intel® Celeron® processor (G4900 is Windows 10 only) 8th Generation Intel® Core™ i7 processor (i7-8700) 8th Generation Intel® Core™ i7 + processor (Core™ i7 and Intel® Optane™ memory) 8th Generation Intel® Core™ i5 + processor (Core™ i5 and Intel® Optane™ memory) 8th Generation Intel® Core™ i5 processor (i5-8500, i5-8600) 8th Generation Intel® Core™ i3 processor (i3-8100, i3-8300) Intel® Pentium® processor (G5400, G5500, G5600 are Windows 10 only)
Available Processors^{20,38,39}	Intel® Core™ i7-8700 with Intel® UHD Graphics 630 (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores) Intel® Core™ i3-8100 with Intel® UHD Graphics 630 (3.6 GHz, 6 MB cache, 4 cores) Intel® Celeron® G4900 with Intel® UHD Graphics 610 (3.1 GHz, 2 MB cache, 2 cores) Intel® Core™ i5-8500 with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Pentium® Gold G5400 with Intel® UHD Graphics 610 (3.7 GHz, 4 MB cache, 2 cores) Intel® Core™ i7+ 8700 (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores) Intel® Core™ i5-8600 with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i5+ 8600 (3.1 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i5+ 8500 (3 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i3-8300 with Intel® UHD Graphics 630 (3.7 GHz, 8 MB cache, 4 cores) Intel® Pentium® Gold G5600 with Intel® UHD Graphics 630 (3.9 GHz, 4 MB cache, 2 cores) Intel® Pentium® Gold G5500 with Intel® UHD Graphics 630 (3.8 GHz, 4 MB cache, 2 cores)
Chipset	Intel® Q370
Maximum Memory	64 GB DDR4-2666 SDRAM ^{3,4} (Transfer rates up to 2666 MT/s.)
Memory Slots	4 DIMM
Internal Storage	500 GB up to 2 TB 7200 rpm SATA HDD ² 500 GB SATA SED Opal 2 HDD ² 500 GB SATA FIPS SED HDD ² 500 GB up to 2 TB SATA SSHD ² 256 GB up to 512 GB SATA SSD ² 256 GB up to 512 GB SATA SED Opal 2 SSD ² 256 GB up to 512 GB SATA SED FIPS 140-2 SSD ² 128 GB up to 512 GB PCIe® NVMe™ M.2 SSD ² 128 GB up to 1 TB PCIe® NVMe™ TLC M.2 SSD ² 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD ²
Optical Drive	HP 9.5 mm Slim DVD-Writer; HP 9.5 mm Slim DVD-ROM; HP 9.5 mm Slim Blu-ray writer ¹⁵
Available Graphics	Integrated: Intel® UHD Graphics 630; Intel® UHD Graphics 610 Discrete: NVIDIA® GeForce® GTX 1060 (3 GB GDDR5 dedicated); AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated); AMD Radeon™ RX 550 Graphics (4 GB GDDR5 dedicated); AMD Radeon™ RX 580 Graphics (4 GB GDDR5 dedicated) ^{15,18}
Audio	Conexant CX20632 codec, 2 W internal speaker, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Communications	LAN: Intel® I210-T1 PCIe® GbE; Intel® I219LM GbE ¹⁶ WLAN: Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® 5 M.2, vPro™; Realtek RTL8822BE-CG 802.11a/b/g/n/ac (2x2) with Bluetooth® 4.2 M.2 PCIe®; Realtek RTL8821CE-CG 802.11a/b/g/n/ac (1x1) with Bluetooth® M.2 PCIe®; Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® M.2 PCIe®, non-vPro™ ⁵

Expansion Slots	1 M.2 2230; 1 M.2 2230/2280; 1 PCIe 3 x16; 2 PCIe 3 x1; 1 PCIe 3 x16 (wired as x4); 1 SD 4.0 media card reader ¹⁷ (1 M.2 slot for WLAN and 1 M.2 2230/2280 slot for storage.)
Ports and Connectors	Front: 1 headset connector; 1 USB 2.0; 1 USB 2.0 (fast charging); 2 USB 3.1 Gen 2; 1 USB 3.1 Type-C™ Gen 2 ¹⁹ Rear: 1 audio-in; 1 audio-out; 1 power connector; 1 RJ-45; 2 USB 2.0; 2 DisplayPort™ 1.2; 2 USB 3.1 Gen 1; 2 USB 3.1 Gen 2 ⁸ Optional: 1 DisplayPort™ 1.2; 1 HDMI 2.0; 1 serial and 1 serial and PS/2 ports combination; 1 USB 3.1 Type-C™ Gen 2 (DisplayPort™); 1 VGA
Internal Drive Bays	One 3.5" HDD; Two 2.5" HDD ³⁷
External Drive Bays	1 SD 4 card reader; One 5.25" ODD; One 9.5 mm slim ODD
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 ^{9,21,22,23,24,25,26,27,28,29}
Security Management	DriveLock; 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); Solenoid lock and hood sensor; 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) ^{7,32,33,34,35}
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 ^{10,30,31}
Power	250 W internal power supply, up to 92% efficiency, active PFC; 400 W internal power supply, up to 92% efficiency, active PFC
Dimensions	6.69 x 10.79 x 13.3 in 17 x 27.4 x 33.8 cm
Weight	15.74 lb 7.14 kg (Configured with 1 HDD and 1 ODD. Weight will vary by configuration.)
Environmental	Low halogen ¹²
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Gold ¹¹
Warranty	3 year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Includes free 24/7 telephone support. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Accessories and services (not included)

**HP ProDisplay P240va
23.8-inch Monitor**



Give your HP Pro PC content room to roam on the extra-large HP ProDisplay P240va Monitor, a sleek display that delivers essential presentation features and advanced connectivity for your everyday business productivity needs at a highly affordable price point.

Product number: N3H14A8

HP 8GB 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.

Product number: 3TK87AT

HP TLC 256 GB SATA SSD



Expand the storage capabilities of your desktop with the HP TLC 256 GB SATA SSD¹, which includes TLC flash and the same reliability you already get from current form factor SSD drives.

Product number: P1N68AT

**HP Business PC Security Lock
v3 Kit**



Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the affordable HP Business PC Security Lock v3 Kit.

Product number: 3XJ17AT

**HP Type-C USB 3.1 Gen2 Port
Flex IO**



Maximize the life of your PC as your business needs change with the flexible connectivity of the HP Type-C USB 3.1 Gen2 Port Flex IO, which supports ultra-fast transfer speeds compared to USB 3.1 Gen 1.

Product number: 3TK78AT

**HP HDMI Port Flex IO
(400/600/800)**

Maximize the life of your PC as your business needs change with the flexible display connectivity of the HP HDMI Port Flex IO (400/600/800).

Product number: 3TK74AT

**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.

Product number: N3R88AT

**HP 4 year Next Business Day
Onsite Hardware Support for
Desktops**



When hardware issues come up, the sooner you can get running again, the better. Have expertise at the ready with HP Hardware Next Business Day¹ Onsite Service, and vastly improve your product uptime. With high-quality remote assistance or convenient onsite support available the next business day, help is there when you need it—so you can get back to work.

Product number: U7897E (for 4 year platforms), U7899E (for 5 year platforms)

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 Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system and requires configuration with an optional Intel® Core™ i(5 or 7)+ processor.
- ⁴ Sold separately or as an optional feature.
- ⁵ HP Sure Start Gen4 is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors.
- 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. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.
- ⁷ Available on HP Elite and Pro platforms with 8th Gen Intel or AMD processors. Features may vary by platform and configuration.
- ⁸ HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- ⁹ HP Client Security Manager Gen4 requires Windows and Intel® or AMD 8th Gen processors.
- ¹⁰ HP Multi Factor Authenticate Gen2 requires Windows, 7th or 8th generation Intel® Core™ processor, Intel® integrated graphics, and Intel® WLAN. Microsoft System Center Configuration Manager is required for deployment. Three authentication factors require Intel® vPro™.

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 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. 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.
- 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.
- ⁸ (2) USB 3.1 Gen 1 (5 Gbit/s); allows for wake from S4/S5 with keyboard/mouse when connected and enabled in BIOS.
- 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/comptrace-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.
- ¹⁰ HP Driver Packs: not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- 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.
- ¹³ 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.
- 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 Sold separately or as an optional feature.
- ¹⁶ Intel® I210-T1 PCIe® GbE: Sold separately or as an optional feature, which is subject to change and availability.
- ¹⁷ (2) PCIe 3 x1: On certain models, it would be (1) PCI Express x1 and (1) PCI x1.
- ¹⁸ The MT can support a single graphics card up to 75W. When configured with dual graphics cards support is limited to 35W for each.
- ¹⁹ (2) USB 3.1 Gen 2: 10 GBit/s data speed; (1) USB 3.1 Type-C™ Gen 2: 10 GBit/s data speed.
- ²⁰ 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.
- ²¹ Native Miracast Support: is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- ²² 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.
- ²³ HP Support Assistant: requires Windows and Internet access.
- ²⁴ HP PhoneWise Client may not be available with HP Workwise. For supported platforms and HP PhoneWise system requirements see www.hp.com/go/HPPhoneWise.
- ²⁵ 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.
- ²⁶ Microsoft Defender: Microsoft Defender Opt in and internet connection required for updates.
- ²⁷ 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.
- ²⁸ 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.
- ²⁹ HP Velocity: Availability may vary by country.
- ³⁰ 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>.
- ³¹ Ivanti Management Suite: subscription required.
- ³² HP Client Security Suite Gen 4: requires Windows and Intel® or AMD 8th generation processors.
- ³³ HP Password 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.
- ³⁴ 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.
- ³⁵ 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 TPM turned off.
- ³⁶ (1) SD 4.0 media card reader: Sold separately or as an optional feature.
- ³⁷ Configuration could be (1) 5.25" internal half-height drive bay or (2) 2.5" internal storage drive bays; (1) 3.5" internal storage drive bay; (1) 9.5 mm internal optical drive bay.
- ³⁸ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system and requires configuration with an optional Intel® Core™ i(5 or 7)+ processor.
- ³⁹ Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.

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