

HP ProDesk 600 G4 Desktop Mini PC (1B231UT)



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 11 Pro for business

Business-ready performance, nicely packaged

Power through your day with a solution you can flexibly configure with an 8th Gen Intel® Core™ processor[2] and options that include Intel® Optane™ memory[3], SSD storage[4], and up to 32 GB of DDR4 memory.[4]

Expansion that extends your investment

Maximize the life of your PC with options[4] 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 EliteDisplay[5], or mount[6] 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]

Featuring

Let nothing stand in your way

Be productive in any situation with Windows 10 Pro and powerful security, collaboration, and connectivity features from HP. [1]

Firmware-level protection

Protect your PC with the hardware-enforced self-healing protection of HP Sure Start Gen4 that automatically recovers the BIOS. [7]

Browse confidently

Help protect your PC from websites, attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click. [10]

Speed up the basics of IT management

The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager. [9]

Super secure. Super protected.

Keep data out of reach and defend against theft, attacks, and unauthorized users with HP Client Security Manager Gen4. [11]

Specifications

Form factor	Mini
Operating system	Windows 10 Pro ^[1]
Processor family	8th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-8600T (2.3 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 9 MB L3 cache, 6 cores) ^[6,7]
Chipset	Intel® Q370
Memory	8 GB DDR4-2666 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ SSD
Internal drive bays	One 2.5" HDD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Audio	Conexant CX20632 codec, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Minimum dimensions (W x D x H)	17.7 x 17.5 x 3.4 cm
Minimum dimensions (W x D x H)	6.97 x 6.89 x 1.34 in
Weight	1.25 kg <i>(Exact weight depends on configuration.)</i>
Weight	2.75 lb <i>(Exact weight depends on configuration.)</i>
Keyboard	HP USB Slim Business Keyboard
Pointing device	HP USB optical mouse
Ports	1 headphone; 1 headset connector; 1 SuperSpeed USB 10Gbps signaling rate; 1 SuperSpeed USB 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 10Gbps signaling rate
Expansion slots	1 M.2 2230; 2 M.2 2230/2280 <i>(1 M.2 slot for WLAN and 2 M.2 2230/2280 slot for storage.)</i>
Ports	1 RJ-45; 2 DisplayPort™ 1.2; 2 SuperSpeed USB 10Gbps signaling rate; 2 SuperSpeed USB 5Gbps signaling rate
Ports	1 DisplayPort™ 1.2; 1 serial; 1 VGA; 1 HDMI 2.0; 1 USB 3.1 Type-C™ Gen 2 (DisplayPort™)
Ports	1 VGA
Package dimensions (W x D x H)	49.7 x 12.8 x 22.3 cm
Package weight	2.97 kg
Network interface type	WLAN
Wireless	Intel® Dual Band Wireless-AC 9560 802.11 ac (2x2) and Bluetooth® 5 M.2 PCIe®, non-vPro™
Wireless	Intel® Wireless-AC 9560 802.11 a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo
Power	65 W external power adapter
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Cloud Recovery; HP Driver Packs (download); HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2; HP System Software Manager (download); Ivanti Management Suite; Update BIOS via Cloud or Network (BIOS feature) ^[10,26,27,35]
Sustainable impact specifications	Low halogen
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) ^[7,28,29,30,31,34]
UPC number	(ABA) 194850346446; (ABC) 194850491177

Top Recommended Displays, Accessories and Services

Storage

HP Desktop Mini DVD ODD Module	K9Q83AA
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Wireless Keyboards

HP Wireless Premium Keyboard	Z9N41AA
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Security Cables

HP Master Keyed Cable Lock 10mm	T1A63AA
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Mounting Brackets

HP Quick Release Bracket 2	6KD15AA
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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™ i(5 or 7)+ 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.
- [9] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- [10] HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer 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.
- [11] HP Client Security Manager Gen4 requires Windows and Intel® or AMD 8th Gen processors.

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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- [6] 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. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.
- [7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.
- [10] HP Driver Packs: not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- [26] 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>
- [27] Ivanti Management Suite: subscription required.
- [28] HP Client Security Suite Gen 4: requires Windows and Intel® or AMD 8th generation processors.
- [29] 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.
- [30] 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.
- [31] 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.
- [34] HP Drive Lock is not supported on NVMe drives.
- [35] HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.

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