



HP ProDesk 600 G6 Desktop Mini PC (222J7UT)

Overview

Flexible PC performance that spans your whole business

Deploy the stylish, compact, reliable HP ProDesk 600 Desktop Mini from the open office to the back office in your modern workspace with its powerful performance and built-in security in a highly adaptable form factor.



A compact powerhouse

Get impressive performance for your workflows in a surprisingly small package from an Intel® processor[2], high-speed DDR4 memory, and SuperSpeed USB Type-C® 10Gbps signaling rate connectivity.

Built on a secure foundation

Protect your Mini with our hardware-enforced solutions like HP Sure Start Gen6, HP Sure Sense, HP Sure Click[7], and HP Manageability Integration Kit.[8]

Streamline your setup

Save space by attaching your Mini behind an HP monitor.[3]

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[10], and undergoes MIL-STD 810G testing.[11]

Features

Windows 11

Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

Fast performance, connectivity, and responsiveness

Get the exceptional combination of responsive performance, connectivity and speed with a 10th Gen Intel® Core™ processor that lets you launch, create, and connect fast and reliably.^[1]

Work without interruption

Keep productivity high and downtime low with the fully integrated and automated features of the HP BIOSphere Gen6 firmware ecosystem. Your PCs have extra protection thanks to automatic updates and security checks.^[3]

Browse confidently

Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.^[4]

HP Sure Sense

Malware is evolving rapidly and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.

[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.

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

[8] HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.

[10] 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 Pack.

[11] 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.

[1] 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, branding and/or naming is not a measurement of higher performance.

[3] HP BIOSphere Gen6 requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.

[4] HP Sure Click 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.

Specifications

Form factor	Mini
Operating system	Windows 10 Pro ^[1] <i>(Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)</i>
Processor family	10th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-10700T (2.0 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores) ^[6,7]
Chipset	Intel® Q470 ^[8]
Memory	8 GB DDR4-2933 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ TLC M.2 SSD
Internal drive bays	One 2.5"
Graphics	Integrated
Graphics (integrated)	Intel® HD Graphics 630
Audio	Realtek ALC3867 codec, universal audio jack with CTIA headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
Dimensions (W x D x H)	17.7 x 17.5 x 3.4 cm
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 Wired Desktop 320K Keyboard
Pointing device	HP Wired Desktop 320M mouse
Ports	1 headphone/microphone combo; 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging)
Expansion slots	1 M.2 2230; 2 M.2 2280 <i>(1 M.2 slot for WLAN and 2 M.2 2280 slots for storage.)</i>
Ports	1 RJ-45; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4
Ports	1 USB 3.1 Gen 2
Package dimensions (W x D x H)	49.8 x 23.5 x 13.2 cm <i>(Packaging material used will vary by Country)</i>
Package weight	3.40 kg <i>(Packaging material used will vary by Country)</i>

Network interface type	WLAN
Wireless	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5.2 wireless card, non-vPro®
Power	65 W external power adapter
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); HP Cloud Recovery; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 4; HP Image Assistant Gen 5 ^[10,11,12]
Sustainable impact specifications	Low halogen
Security management	Power-on password (via BIOS); SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; USB enable/disable (via BIOS); Serial enable/disable (via BIOS); HP Secure Erase; HP Sure Click; HP Sure Sense; HP DriveLock and Automatic DriveLock; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10. (Common Criteria EAL4+ Certified); HP Sure Recover Gen3; HP Sure Run Gen3; HP Sure Start Gen6; HP BIOSphere Gen6; HP Client Security Manager Gen6 ^[13,14,15,16,17,18,19,20,21]
Software included	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Desktop Support Utilities
UPC number	(ABA) 195122738402; (ABC) 195122738389

Additional specifications

Available software	HP Smart Support ^[29]
Bluetooth version	Bluetooth® 5.0
ECC memory	non-ECC
I/O Port location	Additional
I/O Port location	Rear
I/O Port location	Front
Keyboard connectivity	wired
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 8 GB
Memory module type	SODIMM
Memory size	8
Memory size uom	GB
Memory speed	2933
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Operating humidity range	10 to 90% RH
Operating temperature range	50 to 95°F
Operating temperature range	10 to 35°C
Package dimensions (W x D x H)	19.61 x 9.25 x 5.20 in
Package weight	7.40 lb
Playbook TS icon OS	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon connectivity	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions tower	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201997.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	Intel®
Processor base frequency	2.0

Processor cache	16 MB L3
Processor core	8
Processor family	Core™ i7
Processor frequency UOM	GHz
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	10th Generation
Processor maximum frequency	4.5
Processor maximum frequency uom	GHz
Processor model	10700T
Processor threads	16
Product brand name	HP
Product long name specifications	HP ProDesk 600 G6 Desktop Mini PC, Windows 10 Pro, Intel® Core™ i7, 8GB RAM, 256GB SSD
Product short name specifications	HP ProDesk 600 G6 Desktop Mini PC, Intel® Core™ i7, 8GB RAM, 256GB SSD
Standard memory note	Transfer rates up to 2933 MT/s.
Storage capacity	256
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage memory technology 01	TLC
Storage type	SSD
Storage type 01	SSD
UNSPSC code	43211507
Wireless Model	Wi-Fi 6 AX201
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Intel®
Wireless transfer speeds	Supporting Gigabit file transfer speeds
vPro enabled	non-vPro®

[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, branding and/or naming is not a measurement of higher performance.

Intel HD[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[8] For full Intel® vPro™ functionality, Windows, a vPro supported processor, vPro enabled chipset or higher and vPro enabled WLAN card are required. Some functionality, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility of this generation of Intel vPro technology-based hardware with future "virtual appliances" is yet to be determined.

[10] HP Driver Packs: Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.

[11] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.

[12] 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>.

[13] HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.

[14] Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

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

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

[17] HP Sure Start Gen6 is available on select HP PCs.

[18] 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.

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

[20] HP Sure Sense requires Windows 10.

[21] HP Storage Drivelock does not work with Self Encrypting or Optane™ based storage.

[29] HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit <http://www.hp.com/smart-support>

Accessories for PC

Stands/Mounting Brackets

★ : Recommended

Mounting Brackets

HP B300 Bracket with Power Supply Holder	7DB37AA ★
HP Quick Release Bracket 2	6KD15AA ★
HP B250 PC Mounting Bracket	8RA46AA
HP B300 PC Mounting Bracket	2DW53AA

Security

Security Cables

HP Desktop Mini LockBox V2	3EJ57AA ★
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Components/Upgrades

Storage

HP Desktop Mini DVD ODD Module	K9Q83AA ★
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Chassis/Rails

HP (Bulk 48) G3/4 2.5 HD/SSD M3 Grommet Screw Kit	Z9H61A6
HP Desktop Mini 2.5-inch SATA Drive Bay kit v2	13L70AA

Memory

HP 16GB DDR4-3200 SODIMM	13L75AA
HP 32GB DDR4-3200 SODIMM	13L73AA
HP 8GB DDR4-3200 SODIMM	13L77AA

Internal ports/Modules/Controllers

HP DisplayPort Port Flex IO v2	13L54AA
HP HDMI Port Flex IO v2	13L55AA
HP Serial Port Flex IO 2nd v2	13L57AA
HP Type-C USB 3.1 Gen2 Port Flex IO v2	13L59AA
HP Type-C USB 3.1 Gen2 Port with 100W PD v2	13L60AA
HP USB 3.1 Gen1 x2 Module Flex IO v2	13L58AA
HP VGA Port Flex IO v2	13L53AA

Keyboards/Other Input Devices

Wired Keyboards

HP Business Slim Smartcard Keyboard	Z9H48AA
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Power

Power Adapters

HP Desktop Mini 90w Power Supply Kit	L4R65AA
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Port Replicators/Dongles/Docking

Cables/Cable Adapters/Dongles

HP DisplayPort Cable Kit	VN567AA
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HP DisplayPort To VGA Adapter	AS615AA
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HP DisplayPort to DVI-D Adapter	FH973AA
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HP DisplayPort to HDMI True 4K Adapter	2JA63AA
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HP HDMI Standard Cable	T6F94AA
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HP USB-C to HDMI Adapter	4SH07AA
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HP USB-C to VGA Adapter	N9K76AA
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Audio Devices

PC Speakers

HP S101 Speaker Bar	5UU40AA
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Monitors

Business Monitors

★ : Recommended

E-Series

HP E22 G5 FHD Monitor	6N4E8AA	
HP E24 G5 FHD Monitor	6N6E9AA	
HP E24i G4 WUXGA Monitor	9VJ40AA	
HP E24mv G4 FHD Conferencing Monitor	169L0AA	
HP E24q G5 QHD Monitor	6N4F1AA	obsolete
HP E24t G5 FHD Touch Monitor	6N6E6AA	
HP E27 G5 FHD Monitor	6N4E2AA	

P-Series

HP P22 G5 FHD Monitor	64X86AA	
HP P22h G5 FHD Monitor	64W30AA	
HP P24 G5 FHD Monitor	64X66AA	obsolete
HP P24h G4 FHD Monitor	7VH44AA	
HP P24h G5 FHD Monitor	64W34AA	
HP P27 G5 FHD Monitor	64X69AA	
HP P27h G5 FHD Monitor	64W41AA	

Point of Sales System Options

★ : Recommended

POS Display Accessories

HP L7010t 10.1-inch Retail Touch Monitor	T6N30AA
HP L7014 14-inch Retail Monitor	T6N31AA
HP L7014t 14-inch Retail Touch Monitor	T6N32AA
HP L7016t 15.6-inch Retail Touch Monitor	V1X13AA

Hybrid Work Solutions

Audio

★ : Recommended

Wired Headset

Poly Blackwire 3320 Microsoft Teams Certified USB-A Headset	76J17AA	obsolete
Poly Blackwire 3320 USB-A Headset	76J16AA	obsolete
Poly Blackwire 8225 USB-A Headset	772K2AA	obsolete

Speakerphones

Poly Sync 10 Microsoft Teams Certified Speakerphone	77P34AA	
Poly Sync 10 USB-A USB-C Speakerphone	772C3AA	
Poly Sync 20 Microsoft Teams Certified USB-A Speakerphone	772C8AA	
Poly Sync 20 USB-A Speakerphone	772D2AA	
Poly Sync 40 Microsoft Teams Certified Speakerphone	77P35AA	
Poly Sync 40 USB-A USB-C Speakerphone	772C4AA	

Wireless Headset

Poly Voyager 4310 Microsoft Teams Certified Headset +BT700 dongle +Charging Stand	77Y93AA	
Poly Voyager 4310 UC Monaural Headset +BT700 USB-A Adapter +Charging Stand	77Y92AA	
Poly Voyager 4320 Microsoft Teams Certified Headset +BT700 dongle +Charging Stand	77Z00AA	
Poly Voyager 4320 UC Stereo USB-A Headset +BT700 USB-A Adapter +Charging Stand	77Y99AA	
Poly Voyager Focus 2 Microsoft Teams Certified with charge stand Headset	77Y87AA	obsolete
Poly Voyager Focus 2 USB-A with charge stand Headset	77Y86AA	obsolete

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