



HP ProDesk 600 G6 Desktop Mini PC (61U21UT)

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.

Protected by HP Wolf Security

HP Wolf Pro Security Edition PCs interlace HP Sure Click Pro with HP Sure Sense Pro providing more in-depth coverage than the standard versions through a 1-year or 3-year user license with HP Support.[7] This creates a powerful, single solution that doesn't require an IT-managed PC environment.

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

Let nothing stand in your way

Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP.^[3]

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.^[4]

Security is your top priority

The HP Wolf Pro Security Edition provides preconfigured enterprise-level PC protection for small and medium sized businesses.^[5]

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.^[6]

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.^[8]

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 Wolf Pro Security Edition (including HP Sure Click Pro and HP Sure Sense Pro) is available preloaded on select SKUs and, depending on the HP product purchased, includes a paid 1-year or 3-year license. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as that EULA is modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for either a twelve (12) month or thirty-six (36) month license term ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support.

[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.

[3] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software 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>.

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

[5] This product includes a one (1) year license of HP Wolf Pro Security Edition which includes HP Sure Click Pro and HP Sure Sense Pro. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for twelve (12) months thereafter ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support."

[6] 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.

[8] 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 – free upgrade to Windows 11 when available ^[1] <i>(This PC comes with Windows 10 and a free Windows 11 upgrade. The Windows 11 upgrade will be delivered late 2021 into 2022. Timing varies by device. Certain features require specific hardware. See aka.ms/windows11-spec.)</i>
Processor family	10th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-10500T (2.3 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores) ^[6,7]
Chipset	Intel® Q470 ^[8]
Memory	8 GB DDR4-2666 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
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 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
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® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, 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) 196337865518; (ABC) 196337865525

Additional specifications

Available software	HP Smart Support ^[29]
Bluetooth version	Bluetooth® 5.0
ECC memory	non-ECC
I/O Port location	Rear
I/O Port location	Front
Keyboard connectivity	wired
Legal tagline	HP recommends Windows 11 Pro for business
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 8 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	2666
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
Processor Brand	Intel®
Processor base frequency	2.3
Processor base frequency uom	GHz
Processor cache	12 MB L3
Processor core	6
Processor family	Core™ i5
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	10th Generation
Processor maximum frequency	3.8
Processor maximum frequency uom	GHz
Processor model	10500T

Processor threads	12
Product brand name	HP
Security Software Licenses	HP Wolf Pro Security Edition (1 year)
Standard memory note	Transfer rates up to 2666 MT/s.
Storage capacity 01	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.

[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

Chassis and Chassis Accessories

★ : Recommended

Brackets/Bezels/Panels

HP B300 Bracket with Power Supply Holder	7DB37AA ★
HP (Bulk 48) G3/4 2.5 HD/SSD M3 Grommet Screw Kit	Z9H61A6
HP B300 Bracket with Power Supply Holder	7DB37AT
HP DM Power Supply Holder Kit v2	7DB38AA
HP DM Power Supply Holder Kit v2	7DB38AT

Security and Protection

PC Locks

HP Desktop Mini LockBox V2	3EJ57AA ★
HP Desktop Mini LockBox V2	3EJ57AT

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP Wireless Business Slim Keyboard and Mouse	N3R88AA ★	obsolete
HP USB Bus Slim Keyboard/Mouse/Mousepad Kit	T4E63AA	
HP USB Bus Slim Keyboard/Mouse/Mousepad Kit	T4E63AT	
HP USB Keyboard and Mouse Healthcare Edition	1VD81AA	
HP USB PS2 Washable Keyboard and Mouse	BU207AA	
HP USB PS2 Washable Keyboard and Mouse	BU207AT	

Keyboards

HP USB Business Slim Keyboard	N3R87AA ★
HP Business Slim Smartcard Keyboard	Z9H48AA

Mice

HP USB Fingerprint Mouse	4TS44AA ★
HP USB 1000dpi Laser Mouse	QY778AA ★
HP USB Optical Scroll Mouse	QY777AA

Memory

DDR4 Memory

HP 8GB DDR4-2666 SODIMM	3TK88AA ★
HP 16GB DDR4-3200 SODIMM	13L75AA
HP 32GB DDR4-2666 SODIMM	1C919AA
HP 32GB DDR4-2666 SODIMM	1C919AT
HP 32GB DDR4-3200 SODIMM	13L73AA
HP 4GB DDR4-3200 SODIMM	13L79AA
HP 8GB DDR4-3200 SODIMM	13L77AA

PC Modules

PC I/O Modules

HP Desktop Mini DVD ODD Module	K9Q83AA ★
HP Desktop Mini DVD ODD Module	K9Q83AT

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

Mounting Kits

HP Quick Release Bracket 2	6KD15AA ★
HP B250 PC Mounting Bracket	8RA46AA
HP B300 PC Mounting Bracket	2DW53AA
HP B500 PC Mounting Bracket	2DW52AA
HP Desktop Mini Dual VESA Sleeve v3	13L67AA
HP Desktop Mini Dual VESA Sleeve v3 with PSH	13L68AA
HP Quick Release Bracket 2	6KD15AT

Audio/Multimedia and Communication Devices

Headsets

HP Business Headset v2	T4E61AA	obsolete
HP Business Headset v2	T4E61AT	obsolete

Speakers

HP S101 Speaker Bar	5UU40AA
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Cases and Covers

Covers

HP Desktop Mini Port Cover v3

13L69AA

PC Drives and Storage

PC SATA Hard Drives

HP Desktop Mini 2.5-inch SATA Drive Bay kit v2

13L70AA

PC Solid State Drives

HP PCIe NVME TLC 256GB SSD M.2 Drive

1CA51AA

HP PCIe NVME TLC 512GB SSD M.2 Drive

X8U75AA

Batteries/Chargers/Adapters

Power Supplies

HP Desktop Mini 65w Power Supply Kit

L2X04AA

HP Desktop Mini 90w Power Supply Kit

L4R65AA

Cabinets and Stands

PC Stands

HP Desktop Mini Chassis Tower Stand

G1K23AA

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP DisplayPort Cable Kit

VN567AA

HP DisplayPort To VGA Adapter

AS615AA

HP DisplayPort To VGA Adapter

AS615AT

HP DisplayPort to DVI-D Adapter

FH973AA

HP DisplayPort to DVI-D Adapter

FH973AT

HP DisplayPort to DVI-D Adapter (Bulk 90)

FH973A6

HP DisplayPort to HDMI True 4K Adapter

2JA63AA

PC Cable Options

HP HDMI Standard Cable

T6F94AA

HP HDMI Standard Cable

T6F94AT

Cable Adapters

HP USB-C to DP Adapter	N9K78AA
HP USB-C to HDMI Adapter	4SH07AA
HP USB-C to VGA Adapter	N9K76AA

Expansion Solution and Controller Cards

Port Adapters

HP DisplayPort Port Flex IO v2	13L54AA
HP HDMI Port Flex IO v2	13L55AA
HP Serial Port Flex IO 2nd v2	13L57AA
HP Serial Port Flex IO v2	13L56AA
HP Thunderbolt 3.0 Flex IO v2	1E8A4AA
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 USB to Serial Port Adapter	J7B60AA
HP VGA Port Flex IO v2	13L53AA

Point of Sales System Options

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

Monitors

Business Monitors

★ : Recommended

EliteDisplays

HP EliteDisplay E243 23.8-inch Monitor	1FH47AA ★	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8 ★	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA ★	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AA	
HP EliteDisplay E202 20-inch Monitor	M1F41AA	
HP EliteDisplay E223 21.5-inch Monitor	1FH45AA	
HP EliteDisplay E233 23-inch Monitor	1FH46AA	
HP EliteDisplay E243d 23.8-inch Docking Monitor	7MP20AA	
HP EliteDisplay E243i 24-inch Monitor	1FH49AA	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AA	
HP EliteDisplay E273d 27-inch Docking Monitor	5WN63AA	
HP EliteDisplay E273m 27-inch Monitor	1FH51AA	
HP EliteDisplay E273q 27-inch Monitor	1FH52AA	obsolete
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46AA	

Z Displays

HP DreamColor Z27x G2 Studio Display	2NJ08A4
HP DreamColor Z31x Studio Display	Z4Y82A4
HP Z22n G2 21.5-inch Display	1JS05A4
HP Z23n G2 23-inch Display	1JS06A4
HP Z24f G3 FHD Display	3G828AA
HP Z24n G3 WUXGA Display	1C4Z5AA
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA
HP Z27 27-inch 4K UHD Display	2TB68A4
HP Z27k G3 4K USB-C Display	1B9T0AA
HP Z27q G3 QHD Display	1C4Z7AA
HP Z27u G3 QHD Display	1B9X2AA
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AA
HP Z32 31.5-inch 4K UHD Display	1AA81A4
HP Z38c 37.5-inch Curved Display	Z4W65A4

HP Z43 42.5-inch 4K UHD Display

1AA85A4

E-Series

HP E22 G4 FHD Monitor	9VH72AA
HP E23 G4 FHD Monitor	9VF96AA
HP E24 G4 FHD Monitor	9VF99AA
HP E24 G4 FHD No Stand(Bulk2) Monitor	3R473AA
HP E24d G4 FHD USB-C Docking Monitor	6PA50AA
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24q G4 QHD Monitor	9VG12AA
HP E24t G4 FHD Touch Monitor	9VH85AA
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27 G4 FHD Monitor	9VG71AA
HP E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA

Healthcare Edition Displays

HP Healthcare Edition HC241 Clinical Review Monitor	3ME68AA
HP Healthcare Edition HC241p Clinical Review Monitor	3ME69AA

Large Format Display

HP LD5512 4K UHD Conferencing Display	2YD85AA
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ProDisplays

HP Mini-in-One 24 Display	7AX23AA
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P-Series

HP P19v G4 Monitor	9TY84AA
HP P22 G4 22 FHD Monitor	1A7E4AA
HP P22h G4 FHD Monitor	7UZ36AA
HP P22h G4 FHD Monitor	7UZ36AT
HP P24 G4 24 FHD Monitor	1A7E5AA
HP P24h G4 FHD Monitor	7VH44AA
HP P27h G4 FHD Monitor	7VH95AA

Value Displays

HP P244 23.8-inch Monitor	5QG35AA	obsolete
HP V22b Monitor	2XM33AA	
HP V24b Monitor	2XM34AA	

S-Series

HP S430c 43.4-inch Curved Ultrawide Monitor	5FW74AA	obsolete
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