# HP ProDesk 600 G6 Desktop Mini PC (219T5UT)

## 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

## 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.[3]

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[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.

[3] 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 64 |
| 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 SDRAM (1 x 8 GB) |
| Memory Slots | 2 SODIMM |
| Internal Storage | 512 GB PCIe® NVMe™ TLC SSD |
| Internal drive bays | One 2.5" |
| Graphics | Integrated |
| Graphics (integrated) | Intel® HD Graphics 630 |
| 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<br>*(Exact weight depends on configuration.)* |
| Weight | 2.75 lb<br>*(Exact weight depends on configuration.)* |
| 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<br>*(1 M.2 slot for WLAN and 2 M.2 2280 slots for storage.)* |
| 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<br>*(Packaging material used will vary by Country)* |
| Package weight | 3.40 kg<br>*(Packaging material used will vary by Country)* |
| Network interface type | WLAN |
| Wireless | Intel® Wi-Fi 6 AX201 (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) 195122711368; (ABC) 195122711351 |

# Additional specifications

| | |
|---|---|
| ECC memory | No |
| I/O Port location | Front |
| I/O Port location | Additional |
| I/O Port location | Rear |
| Legal tagline | HP recommends Windows 10 Pro for business |
| MDA key selling point | Windows 10 Pro or other operating systems available |
| Memory and storage | 8 GB memory; 512 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 | 10 to 35°C |
| Operating temperature range | 50 to 95°F |
| 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 speed | 2.3 GHz |
| Processor threads | 12 |

| | |
|---|---|
| **Product brand name** | HP |
| **Standard memory note** | Transfer rates up to 2666 MT/s. |
| **Storage capacity 01** | 512 |
| **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 |

[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.

# Accessories

## Memory

### DDR4 Memory

| | |
|---|---|
| HP 16GB DDR4-2666 SODIMM | **3TK84AA ★** |
| HP 8GB DDR4-2666 SODIMM | **3TK88AA ★** |
| HP 4GB DDR4-2666 SODIMM | **3TK86AA ★** |
| HP 16GB DDR4-2666 SODIMM | 3TK84AT |
| 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 DDR4-2666 SODIMM | 3TK86AT |
| HP 4GB DDR4-3200 SODIMM | 13L79AA |
| HP 8GB DDR4-2666 SODIMM | 3TK88AT |
| HP 8GB DDR4-3200 SODIMM | 13L77AA |

### Cache Memory

| | |
|---|---|
| Intel Optane Memory H10 32GB+512GB | 6VF55AA |
| Intel Optane Memory H10 32GB+512GB | 6VF55AT |

## Chassis and Chassis Accessories

### 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 |

## PC Modules

### PC I/O Modules

| | |
|---|---|
| HP Desktop Mini I/O Module | **K9Q84AA ★** |
| HP Desktop Mini DVD ODD Module | **K9Q83AA ★** |
| HP Desktop Mini DVD ODD Module | K9Q83AT |

| HP Desktop Mini I/O Module | K9Q84AT |
|---|---|

## Security and Protection

### PC Locks

| HP Desktop Mini LockBox V2 | **3EJ57AA ★** |
|---|---|
| HP Desktop Mini LockBox V2 | 3EJ57AT |
| HP Sure Key Cable Lock | 6UW42AA |
| HP Sure Key Cable Lock | 6UW42UT |

## Keyboards/Mice and Input Devices

### Keyboard and Mouse Kits

| HP Wireless Business Slim Keyboard and Mouse | **N3R88AA ★** |
|---|---|
| HP (Bulk) Wireless Business Slim Keyboard and Mouse | N3R88A6 |
| HP USB Bus Slim Bulk Keyboard/Mouse/Mousepad Bulk Kit | T4E63A6 |
| 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 |
| HP Wireless Business Slim Keyboard and Mouse | N3R88AT |

### Mice

| HP USB Fingerprint Mouse | **4TS44AA ★** |
|---|---|
| HP USB 1000dpi Laser Mouse | **QY778AA ★** |
| HP USB 1000dpi Laser (Bulk Pack 100) Mouse | QY778A6 |
| HP USB 1000dpi Laser Mouse | QY778AT |
| HP USB Fingerprint Mouse | 4TS44ET |
| HP USB Fingerprint Mouse | 4TS44UT |
| HP USB Grey v2 Mouse | Z9H74AA |
| HP USB Optical Scroll (Bulk Pack 100) Mouse | QY777A6 |
| HP USB Optical Scroll Mouse | QY777AA |
| HP USB Optical Scroll Mouse | QY777AT |

### Keyboards

| HP USB Slim Business Keyboard | **N3R87AA ★** |
|---|---|

| | |
|---|---|
| HP (Bulk) USB Slim Business Keyboard | N3R87A6 |
| HP Business Slim Smartcard Keyboard | Z9H48AA |
| HP USB (Grey) Business Slim Keyboard | Z9H49AA |
| HP USB Slim Business Keyboard | N3R87AT |

# 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 |
| HP Business Headset v2 | T4E61AT |
| HP Stereo 3.5mm Headset | T1A66AA |

## Speakers

| | |
|---|---|
| HP S101 Speaker Bar | 5UU40AA |

# Cases and Covers

## Covers

| | |
|---|---|
| HP Deskop 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 VGA Adapter | F7W97AA |
| 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 DP Adapter | N9K78UT |
| HP USB-C to HDMI Adapter | 4SH07AA |
| HP USB-C to VGA Adapter | N9K76AA |
| HP USB-C to VGA Adapter | N9K76UT |
| HP USB-C to VGA Display Adapter | P7Z54AA |

# 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 L6010 10.4-inch Retail Monitor | A1X76AA |
| HP L6015tm 15-inch Retail Touch Monitor | A1X78AA |
| HP L6017tm 17-inch Retail Touch Monitor | A1X77AA |
| 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 |

# Business Monitors

★ : Recommended

## EliteDisplays

| | |
|---|---|
| HP EliteDisplay E243 23.8-inch Monitor | **1FH47A8 ★** |
| 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 E243p 23.8-inch Sure View Monitor | **5FT13A8 ★** |
| HP EliteDisplay E243p 23.8-inch Sure View Monitor | **5FT13AA ★** |
| HP E344c 34-inch Curved Monitor | 6GJ95AA |
| 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 E223 21.5-inch Monitor | 7MP21AA |
| HP EliteDisplay E230t 23-inch Touch Monitor | W2Z50AA |
| HP EliteDisplay E233 23-inch Monitor | 1FH46AA |
| HP EliteDisplay E233 23-inch Monitor | 7MQ32AA |
| HP EliteDisplay E233 23-inch Monitor Head Only | 2PD30AA |
| HP EliteDisplay E243 23.8-inch Monitor | 7MQ82AA |
| HP EliteDisplay E243 23.8-inch Monitor Head Only | 3XQ67AA |
| HP EliteDisplay E243d 23.8-inch Docking Monitor | 7MP20AA |
| HP EliteDisplay E243i 24-inch Monitor | 1FH49AA |
| HP EliteDisplay E243i 24-inch Monitor | 7MQ83AA |
| HP EliteDisplay E243m 23.8-inch Monitor | 1FH48AA |
| HP EliteDisplay E273 27-inch Monitor | 1FH50AA |
| HP EliteDisplay E273 27-inch Monitor | 7MQ84AA |
| HP EliteDisplay E273d 27-inch Docking Monitor | 5WN63AA |
| HP EliteDisplay E273m 27-inch Monitor | 1FH51AA |
| HP EliteDisplay E273q 27-inch Monitor | 1FH52AA |
| HP EliteDisplay E273q 27-inch Monitor | 7MQ85AA |
| HP EliteDisplay E324q 31.5-inch QHD Monitor | 5DP31AA |
| HP EliteDisplay S340c 34-inch Curved Monitor | V4G46AA |

## Z Displays

| | | |
|---|---|---|
| HP DreamColor Z24x G2 Display | 1JR59A4 | |
| 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 Z24i G2 24-inch Display | 1JS08A4 | |
| HP Z24n G2 24-inch Display | 1JS09A4 | |
| HP Z24nf G2 23.8-inch Display | 1JS07A4 | |
| HP Z27 27-inch 4K UHD Display | 2TB68A4 | |
| HP Z27n G2 27-inch Display | 1JS10A4 | |
| 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 E24 G4 FHD Monitor | 3R433AA | obsolete |
| HP E24d G4 FHD Advanced Docking Monitor | 6PA50AA | |
| HP E27d G4 QHD Advanced Docking Monitor | 6PA56AA | |

## Healthcare Edition Displays

| | |
|---|---|
| HP Healthcare Edition HC241 Clinical Review Monitor | 3ME68AA |
| HP Healthcare Edition HC241p Clinical Review Monitor | 3ME69AA |
| HP Healthcare Edition HC270cr Clinical Review Monitor | 1QW03AA |

## Large Format Display

| | |
|---|---|
| HP LD5512 4K UHD Conferencing Display | 2YD85AA |

## ProDisplays

| | |
|---|---|
| HP Mini-in-One 24 Display | 7AX23AA |

## Business LCD Monitors

| | |
|---|---|
| HP P204 19.5-inch Monitor | 5RD65AA |

## P-Series

| | |
|---|---|
| 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 P224 21.5-inch Monitor | 5QG34AA | |
| HP P244 23.8-inch Monitor | 5QG35AA | |
| HP V22b Monitor | 2XM33AA | |
| HP V24b Monitor | 2XM34AA | |
| HP VH22 22-inch Class Monitor | V9E67AA | obsolete |
| HP VH24 23.8-inch Monitor | M1T03AA | obsolete |
| HP VH27 27-inch Monitor | 2KZ36AA | obsolete |

## S-Series

| HP S430c 43.4-inch Curved Ultrawide Monitor | 5FW74AA | |

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