HP ProDesk 600 G6 Desktop Mini PC (219T3UT)

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]

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.

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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	16 GB DDR4-2666 SDRAM (1 x 16 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
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 *(Exact weight depends on configuration.)*
Weight	2.75 lb *(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 *(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 *(Packaging material used will vary by Country)*
Package weight	3.40 kg *(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) 195122711238; (ABC) 195122711245

Additional specifications

ECC memory	No
I/O Port location	Front
I/O Port location	Rear
I/O Port location	Additional
Legal tagline	HP recommends Windows 10 Pro for business
MDA key selling point	Windows 10 Pro or other operating systems available
Memory and storage	16 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 16 GB
Memory module type	SODIMM
Memory size	16
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 speed	2.3 GHz
Processor threads	12

Product brand name	HP
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

[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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