HP Elite Mini 600 G9 Desktop PC (68W60UT)

Overview

Ready for hybrid workstyles

The HP Elite Mini 600 Desktop PC delivers the performance needed to for your enterprise workload, while still being small enough to allow you to take it with you between the home and the office. Equipped with a powerful Intel® Processor[2], DDR5 memory, and smart deployment options, this is the right PC for desktop users needing flexibility in where they work.

Small size. Big impact

Get breakthrough performance with the latest Intel® processor[2] and DDR5 memory.

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.[5] This creates a powerful, single solution that doesn't require an IT-managed PC environment.

Office and home deployment

Take the HP Elite Mini 600 home with you so you can stay productive in the hybrid work world.

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[2] 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] 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.

Specifications

Form factor	Mini
Operating system	Windows 11 Pro
Processor family	12th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-12500T (up to 4.4 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads)[6,7]
Chipset	Intel® Q670 (vPro®)[3]
Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ TLC SSD
Internal drive bays	One 2.5"
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 770
Audio	Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support
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	1.42 kg *(Exact weight depends on configuration.)*
Weight	3.13 lb *(Exact weight depends on configuration.)*
Keyboard	HP Wired Desktop 320K Keyboard
Pointing device	HP 125 Wired Mouse
Ports	1 headset connector; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-C® 20Gbps signaling rate
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 power connector; 1 RJ-45; 3 SuperSpeed USB Type-A 10Gbps signaling rate; 2 DisplayPort™ 1.4; 1 HDMI 2.1
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	2.95 kg *(Packaging material used will vary by Country)*
Network interface type	WLAN
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)
Power	90 W external power adapter, up to 89% efficiency, active PFC
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified

Management features	HP Client Catalog (download); HP Driver Packs (download); HP Image Assistant (download); HP Client Management Script Library (download); HP Connect for Microsoft Endpoint Manager; HP Manageability Integration Kit (download); HP Patch Assistant (download)[9,10,11]
Security management	Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); HP Secure Erase; HP Sure Click; HP Sure Sense; Absolute Persistence module; HP Sure Admin; HP BIOSphere Gen6; HP Client Security Manager Gen7; HP Tamper Lock; HP Sure Start Gen7; HP Sure Run Gen5; HP Sure Recover Gen5[16,17,18,19,20,21,22,23,24,25]
Software included	HP Notifications; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Connection Optimizer; HP Privacy Settings; HP PC Hardware Diagnostics Windows; HP Desktop Support Utilities; MyHP; HP QuickDrop; HP Easy Clean; Touchpoint Customizer for Commercial; HP Easy Clean Keyboard Driver; HSA Fusion for Commercial; HSA Telemetry for Commercial[12,13,14]
UPC number	(ABA) 196548503148; (ABC) 196548503155

Additional specifications

Available software	HP Smart Support[15]
Bluetooth version	Bluetooth® 5.2
I/O Port location	Rear
I/O Port location	Front
Keyboard connectivity	wired
Keyboard interface	USB
Legal tagline	HP recommends Windows 11 Pro for business
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	4800
Memory speed uom	MHz
Memory type	DDR5
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	6.49 lb
Processor Brand	Intel®
Processor base frequency	2.0
Processor cache	18 MB L3
Processor core	6
Processor family	Core™ i5
Processor frequency UOM	GHz
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	12th Generation
Processor maximum frequency	4.4
Processor maximum frequency uom	GHz
Processor model	12500T
Processor threads	12

Product brand name	HP
Product long name specifications	HP Elite Mini 600 G9 Desktop PC, Windows 11 Pro, Intel® Core™ i5, 16GB RAM, 256GB SSD
Product short name specifications	HP Elite Mini 600 G9 Desktop PC, Intel® Core™ i5, 16GB RAM, 256GB SSD
Security Software Licenses	HP Wolf Pro Security Edition (1 year)
Standard memory note	Transfer rates up to 4800 MT/s.
Storage capacity	256
Storage capacity uom 01	GB
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 6E AX211
Wireless antenna	2x2
Wireless standard	Wi-Fi 6E
Wireless supplier	Intel®
Wireless transfer speeds	Supporting Gigabit data rate

[3] For full Intel® vPro® functionality, Windows 10 Pro 64 bit, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or WLAN card and TPM 2.0 are required. Some functionality requires additional 3rd party software in order to run. See http://intel.com/vpro

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

[9] HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection required.

[10] HP Patch Assistant available on select HP PCs with the HP Manageability Kit that are managed through Microsoft System Center Configuration Manager. HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html .

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

[12] myHP requires Windows OS.

[13] HP Quick Drop requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.

[14] HP Support Assistant: Requires Windows and Internet access.

[15] 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 .

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

[17] HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

[18] HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.

[19] HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 and higher must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.

[20] HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.

[21] HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[22] HP Client Security Manager Gen7 requires Windows and is available on the select HP Elite and Pro PCs.

[23] HP BIOSphere Gen6 features may vary depending on the platform and configuration.

[24] HP 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™.

[25] Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: https://www.absolute.com/about/legal/agreements/absolute/ .

Accessories

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP 655 Wireless Keyboard and Mouse Combo	**4R009AA ★**	
HP Wired Desktop 320MK Mouse and Keyboard	**9SR36AA ★**	
HP 225 Wired Mouse and Keyboard Combo	**286J4AA ★**	
HP 225 Antimicrobial Wired Mouse and Keyboard Combo	286K3AA	
HP 225 Wired Mouse and Keyboard Combo	286J4UT	
HP USB PS2 Washable Keyboard and Mouse	BU207AA	obsolete
HP USB PS2 Washable Keyboard and Mouse	BU207AT	obsolete
HP Wired Desktop 320MK Mouse and Keyboard	9SR36ET	
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT	

Keyboards

HP 125 USB WD KBD (Bulk 12)	266C9A6
HP 125 Wired Keyboard	266C9AA
HP 125 Wired Keyboard	266C9UT
HP 455 Programmable Wireless Keyboard	4R177AA
HP Business Slim Smartcard Keyboard	Z9H48AA
HP Business Slim Smartcard Keyboard	Z9H48AT
HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37ET
HP Wired Desktop 320K Keyboard	9SR37UT
HP Wired Desktop 320K Keyboard (Bulk12)	9SR37A6

Mice

HP 125 Wired Mouse	265A9AA
HP 125 Wired Mouse	265A9UT
HP 125 Wired Mouse (Bulk120)	265A9A6
HP 128 LSR WRD Mouse (Bulk120)	265D9A6
HP 128 Laser Wired Mouse	265D9AA
HP 128 Laser Wired Mouse	265D9UT
HP Business Mouse Pad	AT485AA
HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80ET
HP Wired Desktop 320M Mouse	9VA80UT

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

Mounting Kits

HP Desktop Mini Dual VESA Sleeve v3 with PSH	**13L68AA ★**
HP B250 PC Mounting Bracket	8RA46AA
HP B250 PC Mounting Bracket	8RA46AT
HP B300 PC Mounting Bracket	2DW53AA
HP B300 PC Mounting Bracket	2DW53AT
HP B500 PC Mounting Bracket	2DW52AA
HP B500 PC Mounting Bracket	2DW52AT
HP Desktop Mini Dual VESA Sleeve v3	13L67AA
HP Desktop Mini Dual VESA Sleeve v3 with PSH	13L68AT
HP Desktop Mini Security/Dual VESA Sleeve v2	13L67AT
HP Quick Release Bracket 2	6KD15AA
HP Quick Release Bracket 2	6KD15AT

Chassis and Chassis Accessories

Brackets/Bezels/Panels

HP B300 Bracket with Power Supply Holder	**7DB37AA ★**
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

PC Drives and Storage

PC Solid State Drives

1TB PCIe 4x4 NVMe TLC SSD	406L7AA
512GB PCIe 4x4 NVMe TLC SSD	406L8AA

Batteries/Chargers/Adapters

Power Supplies

HP Desktop Mini 90w Power Supply Kit	L4R65AA

Cabinets and Stands

PC Stands

HP Desktop Mini Chassis Tower Stand	G1K23AA

PC Modules

PC I/O Modules

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

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 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

Expansion Solution and Controller Cards

Port Adapters

HP DisplayPort Port Flex IO v2	13L54AA
HP DisplayPort Port Flex IO v2	13L54AT
HP HDMI Port Flex IO v2	13L55AA
HP HDMI Port Flex IO v2	13L55AT
HP Serial Port Flex IO v2	13L56AA
HP Serial Port Flex IO v2	13L56AT

HP Serial Port Flex IO v3	5B895AA
HP Thunderbolt 3.0 Flex IO v3	440A5AA
HP Type-C USB 3.1 Gen2 Port with 100W PD v2	13L60AA
HP USB to Serial Port Adapter	J7B60AA
HP VGA Port Flex IO v2	13L53AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Adapter	H4F02AA
HP HDMI to VGA Adapter	H4F02ET
HP HDMI to VGA Adapter	H4F02UT

Audio/Multimedia and Communication Devices

Headsets

HP Stereo 3.5mm Headset G2	428H6AA
HP Stereo 3.5mm Headset G2	428K7AA
HP Stereo 3.5mm Headset G2	428K7PT
HP Stereo 3.5mm Headset G2	428K7UT

Monitors

Business Monitors

★ : Recommended

E-Series

HP E24d G4 FHD USB-C Docking Monitor	6PA50A8	obsolete
HP E24d G4 FHD USB-C Docking Monitor	6PA50AS	
HP E24d G4 FHD USB-C Docking Monitor	6PA50AT	
HP E27d G4 QHD USB-C Conferencing Monitor	2S1M3A7	obsolete
HP E27d G4 QHD USB-C Conferencing Monitor	2S1M3AA	
HP E27d G4 QHD USB-C Docking Monitor	6PA56A4	

Z Displays

HP Z24u G3 WUXGA USB-C Display	1C4Z6A7
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA
HP Z24u G3 WUXGA USB-C Display	1C4Z6AT
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9A7
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AT
HP Z27k G3 4K USB-C Display	1B9T0A7
HP Z27k G3 4K USB-C Display	1B9T0AA
HP Z27k G3 4K USB-C Display	1B9T0AT
HP Z27u G3 QHD Display	1B9X2A7
HP Z27u G3 QHD Display	1B9X2AA
HP Z27u G3 QHD Display	1B9X2AT
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8A7
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AA
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AT
HP Z34c G3 WQHD Curved Display	30A19A7
HP Z34c G3 WQHD Curved Display	30A19AA
HP Z34c G3 WQHD Curved Display	30A19AT
HP Z34c G3 WQHD Curved Display	30A19E9

HyperX Gaming Headsets

★ : Recommended

HyperX Cloud Headsets SC

HyperX Cloud Core + 7.1 - Gaming Headset (Black)	4P4F2AA

HyperX Cloud Flight Headsets SC

HyperX Cloud Flight - Wireless Gaming Headset (Black-Red)	4P5L4AA
HyperX Cloud Flight - Wireless Gaming Headset (Black-Red)	4P5L4AM

HyperX Cloud MIX Headsets SC

HyperX Cloud MIX - Gaming Headset (Black-Gunmetal)	4P5K9AA

HyperX Cloud Stinger Headsets SC

HyperX Cloud Stinger Core - Gaming Headset (Black)	4P4F4AA

HyperX Microphones

HyperX SoloCast Microphones SC

HyperX SoloCast - USB Microphone (Black)	4P5P8AA

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