

HP Elite Mini 800 G9 Desktop PC (68S66UT)

Overview

A desktop that can travel



The HP Elite Mini 800 Desktop PC delivers the high-performance needed to develop complex presentations, crunch big numbers, and quickly create compelling content. Equipped with a powerful Intel® Processor^[2], responsive graphics, and smart deployment options, this is the right PC for big jobs done in small spaces.

Ultra-small. Big Punch

Get breakthrough performance with the latest Intel® processor^[2] and responsive graphics.

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.^[6] This creates a powerful, single solution that doesn't require an IT-managed PC environment.

Office and home deployment

Take the HP Elite Mini 800 home with you so you can stay productive in the hybrid work world.

[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.

[6] 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 ^[1]
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" HDD
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 1.35 in
Weight	1.42 kg <i>(Exact weight depends on configuration.)</i>
Weight	3.13 lb <i>(Exact weight depends on configuration.)</i>
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 <i>(1 M.2 2230 slot for WLAN and 2 M.2 2280 slots for storage)</i>
Ports	1 external antenna connector; 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 13.2 x 23.5 cm <i>(Packaging material used will vary by Country)</i>
Package weight	2.95 kg
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)^[18,19,20]

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^[25,26,27,28,29,30,31,32,33,34]

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^[21,22,23]

Additional specifications

Additional information about HP in the countries	hp.com
Available software	HP Smart Support ^[24]
Bluetooth version	Bluetooth® 5.2
Datasheet photo 1	AHID/c0c903d3cfb2dc1bfb73ce876eae3a4f3f8f33b
Datasheet photo 3	AHID/42db6a0814a51239e3b5e2382ff3d0c25a934c0a
Datasheet photo 4	AHID/cd38781502ebb0d37f699426b489f8a1463538d9
Datasheet photo 5	AHID/fbf1cec75535241094f46d287557c56f2170a6b3
External I/O ports footnote number	[35]
Graphic card footnote number	[13,14]
I/O Port location	Rear
I/O Port location	Front
Keyboard color	black
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)	19.6 x 5.2 x 9.3 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 800 G9 Desktop PC, Windows 11 Pro, Intel® Core™ i5, 16GB RAM, 256GB SSD
Product short name specifications	HP Elite Mini 800 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
vPro enabled	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>.

[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>

[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.

[18] 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.

[19] 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> .

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

[21] myHP requires Windows OS.

[22] 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.

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

[24] 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> .

[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/> .

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

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

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

[29] 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.

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

[31] 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.

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

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

[34] 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™.

Accessories

PC Drives and Storage

★ : Recommended

PC Solid State Drives

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

PC SATA Hard Drives

HP Desktop Mini 2.5-inch SATA Drive Bay kit v2	13L70AA
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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 Wired Mouse and Keyboard Combo	286J4UT
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 Wired Desktop 320K Keyboard	9SR37AA
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 Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80UT

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 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 Desktop Mini Dual VESA Sleeve v3 with PSH	13L68AT
HP Quick Release Bracket 2	6KD15AA
HP Quick Release Bracket 2	6KD15AT

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Adapter	H4F02AA ★
HP HDMI to VGA Adapter	H4F02UT

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
HP Keyed Cable Lock 10 mm	T1A62AA
HP Keyed Cable Lock 10 mm	T1A62UT
HP Master Keyed Cable Lock 10mm	T1A63AA

Cases and Covers

Covers

HP Desktop Mini Port Cover v3

13L69AA

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

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP DisplayPort Cable Kit

VN567AA

HP DisplayPort to DVI-D Adapter

FH973AA

HP DisplayPort to DVI-D Adapter

FH973AT

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

Audio/Multimedia and Communication Devices

Speakers

HP S101 Speaker Bar	5UU40AA
HP S101 Speaker Bar	5UU40AT

Headsets

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

Monitors

Business Monitors

★ : Recommended

E-Series

HP E27d G4 QHD USB-C Docking Monitor

6PA56A4 ★

Z Displays

HP Z24u G3 WUXGA USB-C Display

1C4Z6AA

HP Z25xs G3 QHD USB-C DreamColor Display

1A9C9AA

HP Z27k G3 4K USB-C Display

1B9T0AA

HP Z27u G3 QHD Display

1B9X2AA

HP Z27xs G3 4K USB-C DreamColor Display

1A9M8AA

HP Z34c G3 WQHD Curved Display

30A19AA

Services

HP Care Pack Services

★ : Recommended

Personal Systems Commercial Care Pack Services

HP 1 Year SmartFriend Pro Software Support	U35R1E
HP 1 year Wolf Protect and Trace Hardware Support	U05GKE
HP 2 year Wolf Protect and Trace Hardware Support	U05GLE
HP 3 Year SmartFriend Pro Software Support	U35R2E
HP 3 year Active Care Next Business Day Onsite Desktop Hardware Support	U17ZGE
HP 3 year Active Care Next Business Day Onsite w/Defective Media Retention DT HW Supp	U18HCE
HP 3 year Data Recovery Desktop Hardware Support	UE372E
HP 3 year Data Recovery-OS Restore Onsite (6 calls) (Promo) Desktop Hardware Support	U9AN7E
HP 3 year Wolf Protect and Trace Hardware Support	U05GME
HP 3y Active Care/Wolf Protect and Trace Next Bus Day Response Onsite (models 2021+) DT HW Supp	U05HME
HP 4 year Active Care Next Business Day Onsite Desktop Hardware Support	U18H9E
HP 4 year Active Care Next Business Day Onsite w/Defective Media Retention DT HW Supp	U18HDE
HP 4 year Wolf Protect and Trace Hardware Support	U05GNE
HP 4y Active Care/Wolf Protect and Trace Next Bus Day Response Onsite (models 2021+) DT HW Supp	U05HNE
HP 5 year Active Care Next Business Day Onsite Desktop Hardware Support	U18HBE
HP 5 year Active Care Next Business Day Onsite w/Defective Media Retention DT HW Supp	U18HFE
HP 5 year Wolf Protect and Trace Hardware Support	U05GQE
HP 5y Active Care/Wolf Protect and Trace Next Bus Day Response Onsite (models 2021+) DT HW Supp	U05HQE

Personal Systems Hardware Support Onsite Service

HP 1 year Post Warranty Next Business Day Onsite w/Defective Media Retention DT HW Supp	HP710PE
HP 1 year Post Warranty Next Business Day Response Onsite Desktop Hardware Support	U5864PE
HP 3 year Next Bus Day Onsite w/Accidental Damage Protection/Defective Media Retention DT HW Supp	U9WV8E
HP 3 year Next Business Day Onsite Optional CSR DT/WS Desktop Hardware Support	UE379E
HP 3 year Next Business Day Onsite w/Accidental Damage Protection Desktop HW Supp	U0A84E

HP 3 year Next Business Day Onsite w/Defective Media Retention
Desktop HW Supp UE332E

HP 4 year Next Bus Day Onsite w/Accidental Damage
Protection/Defective Media Retention DT HW Supp U9WW9E

HP 4 year Next Business Day Onsite Desktop Hardware Support U7897E

HP 4 year Next Business Day Onsite w/Accidental Damage Protection
Desktop HW Supp U0A85E

HP 4 year Next Business Day Onsite w/Defective Media Retention
Desktop HW Supp UE333E

HP 5 year Next Bus Day Onsite w/Accidental Damage
Protection/Defective Media Retention DT HW Supp U9WW0E

HP 5 year Next Business Day Onsite Desktop Hardware Support U7899E

HP 5 year Next Business Day Onsite w/Accidental Damage Protection
Desktop HW Supp UF236E

HP 5 year Next Business Day Onsite/DMR Desktop Hardware Support UE334E

HyperX Gaming Peripherals

HyperX Gaming Headsets

★ : Recommended

HyperX Cloud Headsets SC

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

HyperX Cloud Flight - Wireless Gaming Headset (Black-Red)	4P5L4AA
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HyperX Cloud MIX Headsets SC

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

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

HyperX SoloCast Microphones SC

HyperX SoloCast - USB Microphone (Black)	4P5P8AA
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