



HP Elite Mini 800 G9 Desktop PC (8Q7B3PA)

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.

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.[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.

Help protect our shared future

At least 50 percent of all plastic used in this PC is post-consumer recycled plastic.[7]

Features

Windows 11

Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

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.

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]

Fast and efficient wireless LAN

The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6.^[1]

Protect critical security processes

Keep your critical applications and processes running even if malware tries to shut them down with the self-healing protection of HP Sure Run.

Speed up the basics of IT management

The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.^[4]

[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.

[7] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

[1] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ax devices. Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[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.

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

Specifications

Form factor	Mini
Operating system	Windows 11 Pro ^[1]
Processor family	13th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-13700T (up to 4.9 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores, 24 threads) ^[6,7]
Chipset	Intel® Q670 (vPro®) ^[3]
Memory	32 GB DDR5-4800 MHz RAM (1 x 32 GB)
Memory Slots	2 SODIMM
Internal Storage	1 TB PCIe® NVMe™ 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 655 Wireless Keyboard and mouse combo
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
Ports	1 USB 3.1 Gen 2
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® 5.3 wireless card (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

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; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 11 (Common Criteria EAL4+ certified)(FIPS 140-2 Level 2 certified)^[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 Easy Clean; Touchpoint Customizer for Commercial; HP Easy Clean Keyboard Driver; HSA Fusion for Commercial; HSA Telemetry for Commercial^[21,22,23]

UPC number

197498056241

Additional specifications

Available software	HP Smart Support ^[24]
Bluetooth version	Bluetooth® 5.2
External I/O ports footnote number	[35]
Graphic card footnote number	[13,14]
I/O Port location	Rear
I/O Port location	Front
Keyboard connectivity	wireless
Legal tagline	HP recommends Windows 11 Pro for business
Memory and storage	32 GB memory; 1 TB SSD storage
Memory layout (slots & size)	1 x 32 GB
Memory module type	DIMM
Memory size	32
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	50 to 95°F
Operating temperature range	10 to 35°C
Package dimensions (W x D x H)	19.6 x 5.2 x 9.3 in
Package weight	6.49 lb
Playbook TS icon OS	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon connectivity	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions tower	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201997.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png

Processor Brand	Intel®
Processor cache	30 MB L3
Processor core	16
Processor family	Core™ i7
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	13th Generation
Processor maximum frequency	4.9
Processor maximum frequency uom	GHz
Processor model	13700T
Processor threads	24
Product brand name	HP
Product long name specifications	HP Elite Mini 800 G9 Desktop PC, Windows 11 Pro, Intel® Core™ i7, 32GB RAM, 1TB SSD
Product short name specifications	HP Elite Mini 800 G9 Desktop PC, Intel® Core™ i7, 32GB RAM, 1TB SSD
Standard memory note	Transfer rates up to 4800 MT/s.
Storage capacity	1
Storage capacity uom 01	TB
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
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 11 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.

[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™.

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