HP Elite Mini 800 G9 Desktop PC



A desktop that can travel

Need enterprise desktop performance, but don't have a lot of space? Get the best of both worlds with the HP Elite Mini 800 Desktop PC. Small enough to carry home with you when needed, this PC is packed with the performance and security your business demands.



*Product image may differ from actual product

HP recommends Windows 11 Pro for business

Small size. Big impact

 Get breakthrough performance with the latest Intel[®] processor² and optional NVIDIA[®] RTX 3050 Ti graphics³ that provide ample speed and responsiveness for multi-taskers. Enjoy the ultimate immersive experience on up to eight monitors.⁴

Office and home deployment

 The whisper quiet and ultrasmall HP Elite Mini 800 fits easily into most small bags making it the right choice for desktop users who need to move between the home and office. Mount it behind a compatible HP monitor. ⁵

Protected by HP Wolf Security

 HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.⁶

Help protect our shared future

- At least 50 percent of all plastic used in this PC is post-consumer recycled plastic.⁷
 The outer box packaging is 100 percent sustainably sourced.⁸ This PC is ENERGY
 STAR® certified and EPEAT® registered in 23 countries.⁹
- Focus on work while enjoying whisper quiet operation. The HP Elite Mini 800 utilizes HP Run Quiet Design that finely tunes the fans to keep systems running quiet and
- Quickly access and transfer data to keep up with today's changing business requirements with advanced PCIe Gen 4 SSDs, USB Type-C®, and DDR5 memory.
- Customize your Mini solution with a range of exclusive accessories that secure and mount your Mini and its power supply on a monitor or wall.¹⁰
- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen7, the self-healing BIOS that automatically recovers itself from attacks or corruption.¹¹
- Stop unwanted changes to security settings and help limit the spread of malware with HP Sure Run Gen5 which identifies, quarantines, and provides reporting on attackers trying to kill processes.¹²
- Help protect your PC from websites and read and edit Microsoft Word files and readonly PDF attachments with malware, ransomware, or viruses with hardwareenforced security from HP Sure Click.¹³
- Rest easy with a PC that undergoes 120,000 hours of HP's Total Test Process and MIL-STD 810 testing. Help extend protection with an optional removable dust filter.^{3,14,15}

HP Elite Mini 800 G9 Desktop PC Specifications Table







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*Product image may differ from actual product			
Available Operating Systems	Windows 11 Pro ¹ Windows 10 Pro Education ¹ Windows 11 Pro Education ¹ Windows 11 Home – HP recommends Windows 11 Pro for business ¹ Windows 11 Home Single Language – HP recommends Windows 11 Pro for business ¹ Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade) ^{1,2} FreeDOS		
Processor family	12th Generation Intel® Core™ i3 processor; 12th Generation Intel® Core™ i5 processor; 12th Generation Intel® Core™ i7 processor; 12th Generation Intel® Core™ i7 processor; 13th Generation Intel® C		
Available Processors ^{3,4,5,6}	Intel® Core™ IS-12500T with Intel® UHD Graphics (2.0 GHz P-core base frequency, up to 4.4 GHz P-core Max Turbo frequency, 18 MB L3 cache, 6 P-cores, 12 threads), supports Intel® VPro® Technology; Intel® Core™ IS-12400T with Intel® UHD Graphics (1.3 GHz P-core base frequency, up to 4.2 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores, 8 threads); Intel® Core™ IS-12600 with Intel® UHD Graphics (3.3 GHz P-core base frequency, up to 4.6 GHz P-core Max Turbo frequency, 18 MB L3 cache, 6 P-cores, 12 threads); Intel® Core™ IS-12500 with Intel® UHD Graphics (3.3 GHz P-core base frequency, up to 4.6 GHz P-core Max Turbo frequency, 18 MB L3 cache, 6 P-cores, 12 threads); Intel® Core™ IS-12400 with Intel® UHD Graphics (3.3 GHz P-core base frequency, up to 4.5 GHz P-core Max Turbo frequency, 18 MB L3 cache, 6 P-cores, 12 threads); Intel® Core™ IS-12400 with Intel® UHD Graphics (3.5 GHz P-core base frequency, up to 4.5 GHz P-core Max Turbo frequency, 18 MB L3 cache, 6 P-cores, 12 threads); Intel® Core™ IS-12400 with Intel® UHD Graphics (2.5 GHz P-core base frequency, up to 4.5 GHz P-core Max Turbo frequency, up to 4.5 GHz P-core base frequency, up to 4.5 GHz P-core Max Turbo frequency, up to 4.5 GHz P-core Max Turbo frequency, up to 4.5 GHz P-core base frequency, up to 4.5 GHz P-core ba		
Chipset ³	Intel® Q670 (vPro®)		
Form factor	Mini		
Maximum memory	64 GB DDR5-4800 SDRAM ^{7,8,9} Transfer rates up to 4800 MT/s.		
Memory slots	2 SODIMM		
Internal storage	500 GB up to 1 TB 7200 rpm SATA ^{10,39} up to 2 TB 5400 rpm SATA ^{10,39} ty to 2 TB 5400 rpm SATA ^{10,39} 256 GB up to 1 TB PCle [®] NVMe [™] M. 2 SSD ^{10,39} 256 GB up to 2 TB PCle [®] NVMe [™] M. 2 SSD ^{10,39} 256 GB up to 5 TB PCle [®] NVMe [™] TCL M.2 SSD ^{10,39} 256 GB up to 5 TB GB PCle [®] NVMe [™] SED Opal 2 TLC M.2 SSD ^{10,39}		
Available Graphics	Integrated: Intel® UHD Graphics 730; Intel® UHD Graphics 770 Discrete: NVIDIA® GeForce RTX™ 3050 Ti (4 GB GDDR6 dedicated) 13.14		
Audio	Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support		
Expansion slots	1 M.2 2230; 2 M.2 2280 (1 M.2 2230 slot for WLAN and 2 M.2 2280 slots for storage)		
Ports and connectors	Front: 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; Rear: 1 external antenna connector; 1 power connector; 1 R.1-45; 3 SuperSpeed USB Type-A 10Gbps signaling rate; 2 DisplayPort** 1.4; 1 HDMI 2.1.35; 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort** 1 DisplayPort** 1.4; 1 HDMI 2.1, 1 SuperSpeed USB Type-C** 1 DisplayPort**		
Input devices	HP USB Business Slim SmartCard CCID Keyboard; HP 125 Wired Keyboard; HP 125 Antimicrobial Wired Keyboard; HP 655 Wireless Keyboard and mouse combo; HP USB 320K Keyboard ^{15,16} ; HP Wired Desktop 320M mouse; HP 125 Wired Mouse; HP 128 Laser Wired Mouse; HP 125 Antimicrobial Wired Mouse ¹⁵ ;		
Communications	LAN: Integrated Intel® I219LM GbE LOM; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, vPro®; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro®; Realtek Wi-Fi 6 RTL8852BE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card. non-vPro®; Realtek Wi-Fi 6 RTL8852BE		
Drive Bays	One 2.5° HDO 11		
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH;		
Software	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		
Available software	HP Smart Support ²⁴		
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); 228.27.28.29.30.31,32.33.34		
Security Software Licenses	HP Wolf Pro Security Edition ⁵⁶		
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) (download); HP Driver Packs (download); HP Manageability Integration Kit (download); HP Driver Packs (download); HP Manageability Integration Kit (download); HP Client Manager (download); HP Client Man		
Power	120 W external power adapter, up to 89% efficiency, active PFC; 180 W external power adapter, up to 89% efficiency, active PFC; 90 W external power adapter, up to 89% efficiency		
Dimensions	17.7 x 17.5 x 3.4 cm		
Weight	1.42 kg; (Exact weight depends on configuration.)		
Ecolabels	EPEAT® registered ¹⁷		
Energy star certified (series fixed)	ENERGY STAR® certified		

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Accessories and services (not included)

HP Z27q G3 QHD Display



Meticulously crafted to surpass every design standard, the HP Z27q G3 QHD Display is composed of authentic aluminum and delivers an impressive, frameless viewing experience. Bring your ideas to life with remarkable color accuracy in precise Quad HD resolution. Refine your work experience and transform your PC into a powerhouse with this 27 inch diagonal screen monitor.

Product number: 1C4Z7AA

¹ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018

HP Stereo USB Headset G2



Plug right in and get ready to speak and hear clearly all day. With noise-cancelling, comfortable design, and easy adjustment, your sound comfort will carry you from call to call without interference or frustration

Product number: 428H5AA

¹ Google tested to meet Chromebook compatibility standards.

² This product works with devices capable of running the latest version of Chrome OS and has been certified to meet Google's compatibility standards. Google is not responsible for the operation of this product or its compliance with safety requirements. Chromebook and the Works With Chromebook badge are trademarks of Google LLC.

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Messaging Footnotes

- 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 Politication is designed to improve performance or certain software products, not an execution software configurations. Intels unmbering, branding and/or naming is not a measurement of higher performance.

 3 Optional feature that must be configured at the time of purchase.
- ⁴ Eight displays sold separately and only supported on 35W processor model configured with an NVIDIA RTX 3050 Ti graphics card at the time of purchase.
- 5 Monitor and mounting hardware sold separately or as an optional feature.
- File Modif 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.
- Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- *** 100% outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic.

 **Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

 **Description of the provided by the provided

- HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.
 HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.
 HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.
 HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLTGA_SureClick for complete details.
- 14 HP Total Test Process testing is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

 15 MIL STD 810 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. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

Technical Specifications Footnotes

- 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.

 ² This system is preinstalled with Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You
- must back up all data (files, photos, etc.) before uninstalling operating systems to avoid loss of your data.

 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.
- ⁴ 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.

 Sometimes are not software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

 Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost for more
- information.
- 6 Only select processors available with each configuration.
 7 For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. Memory modules support data transfer rates up to 4800 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate. All memory slots are customer accessible/upgradeable
- ⁸ All memory slots are customer accessible/upgradeable. ⁹ Only available with Alder Lake i5, i7 and i9 Processors.
- 10 For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes, Actual formatted capacity is less. Up to 30 GB (for Windows) of disk is reserved for system recovery software
- 11 Sold separately or as an optional feature. 12 Fiber NIC and 1 Gbps cards would not be available in some selected European countries and Korea
- 13 Only Available on 35W processor.
- The card could be configured with the flex IO port 2 as an optional.
 HP 125 Antimicrobial Wired Keyboard, HP USB Hardened Mouse, Wired 125 Antimicrobial Mouse are not available in all regions. (Antimicrobial China only)
 PS/2 port not available on Elite Mini 800 G9 desktop PCs.

- 17 Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net 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://www.hp.com/us/en/ads/clientmanagement/overview.html. 20 HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanage
- ²¹ myHP requires Windows OS.
- ² HP Support Assistant: Requires Windows on S.
 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 wish 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/2P/LTGA_SureClick for complete details.

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

 ²⁸ HP Sure Renover 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 significantly with Windows 10 WF. Him Multie WF. Hi

- 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®

- The external antenna could be configured with the flex IQ port 2 as an optional.

 The external antenna could be configured with the flex IQ port 2 as an optional.

 Which is 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.

 Which is Erequires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.
- 38 Platform power consumption varies per configuration, for the best user experience, please connect PC power cord while using USB-C® cable via Super Speed USB Type-C® port in the rear side of the platform.

 39 Starting from November 1st 2023, all shipments will require Windows to be installed on SSD to provide users a better experience. HDD can only be configured as additional data drives and not the boot drive.

 56 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.

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