

HP Elite SFF 800 G9 Desktop PC (8Y434UA)



Optimized for expandability

The HP Elite 800 SFF Desktop PC delivers uncompromising performance, expandability, and reliability in a space-saving design. Equipped with the latest Intel® processor[2], speedy storage, and memory, this is the right PC for big jobs performed in smaller workspaces.



Expansion for the future

Future proof your fleet with multiple drives and configurable ports that provide expandability.

Powerful Intel® processor

Blaze through your to-do list with the latest Intel® processor[2], speedy storage, and agile memory.

Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.[5]

Featuring

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 beyond traditional antivirus capabilities. Protect your PC against never-before-seen attacks with HP Sure Sense, which combines behavioral analysis with advanced AI techniques to provide exceptional protection.

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.

Quick and secure recovery to the latest image

Users can quickly and securely restore their machines to the latest image and IT can schedule reimaging for the entire fleet using only a network connection with optional HP Sure Recover. [1]

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]

Specifications

Form factor	Small form factor
Operating system	Windows 11 Pro ^[1]
Processor family	13th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-13700 (up to 5.2 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores, 24 threads) ^[6,7]
Chipset	Intel® Q670 (vPro®)
Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)
Memory Slots	4 DIMM
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Internal drive bays	Two 3.5" HDD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 770
Audio	Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support
Dimensions (W x D x H)	33.8 x 30.8 x 10 cm
Dimensions (W x D x H)	13.3 x 12.13 x 3.94 in
Weight	5.4 kg (Exact weight depends on configuration.)
Weight	11.11 lb (Exact weight depends on configuration.)
Keyboard	HP Wired Desktop 320K Keyboard
Pointing device	HP 125 Wired Mouse
Ports	1 headphone/microphone combo; 4 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-C® 20Gbps signaling rate
Expansion slots	1 M.2 2230; 2 PCIe 3 x1; 1 PCIe 3 x16 (wired as x4); 2 M.2 2280; 1 PCIe 4 x16 (1 M.2 2230 slot for WLAN and 2 M.2 2280 slots for storage)
Ports	1 audio-in/out; 1 RJ-45; 1 HDMI 1.4; 3 SuperSpeed USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4; 3 USB Type-A 480 Mbps signaling rate
Ports	1 HDMI
Package dimensions (W x D x H)	39.9 x 49.9 x 22.8 cm
Package weight	7.92 kg
Management features	HP Client Catalog (download); HP Driver Packs (download); HP Image Assistant; HP Client Management Script Library (download); HP Connect for Microsoft Endpoint Manager; HP Manageability Integration Kit (download); HP Patch Assistant (download); HP CECF Enabled Configuration ^[11,16,18]
Sustainable impact specifications	Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure and I/O strip; 10% ITE-derived closed loop plastic; 80 Plus® Platinum power supplies available; 58% post-consumer recycled plastic
Security management	HP Sure Run; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); HP Sure Start; HP Secure Erase; HP Sure Click; HP Sure Sense; Absolute Persistence module; HP Sure Recover; HP Sure Admin; HP Client Security Manager Gen7; HP Tamper Lock; HP Sure Start Gen7; HP Sure Sense2; HP Sure Run Gen5; HP Sure Recover Gen5 ^[20,21,22,23,24,25,26,27,28,29]
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 ^[12,13,37]
UPC number	197498484440

Top Recommended Displays, Accessories and Services

Series 5 Pro

HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm	9E0Y9UT
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AA

Series 7 Pro

HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157UT
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Speakerphones

Poly Sync 10 USB-A USB-C Speakerphone	772C3AA
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Wireless Headset

Poly Voyager 4310-M UC Headset +USB-A to USB-C Cable +BT700 dongle	7Y210AA
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	9T9J3AA
Poly Voyager 4320 USB-C Headset +BT700 dongle	76U50AA

Wired Headset

Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	93S88AA
Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter	8X228AA
Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter	93S87AA

Wireless Combo

HP 655 Wireless Keyboard and Mouse Combo	4R009AA
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Wired Combo

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP 225 Wired Mouse and Keyboard Combo	286J4AA

Messaging Footnotes

- [1] Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
- [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.
- [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.
- [5] HP Wolf Security for Business requires Windows 10 or 11 Pro and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.

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>.
- [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.
- [11] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- [13] HP Support Assistant: Requires Windows and Internet access.
- [16] 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.
- [18] 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 Sure Sense is available on select HP PCs and is not available with Windows 10 Home.
- [21] HP BIOSphere Gen6 features may vary depending on the platform and configuration.
- [22] 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™.
- [23] HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 or higher.
- [24] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
- [25] HP Client Security Manager Gen7 requires Windows and is available on select HP Elite and Pro PCs.
- [26] HP Sure Start Gen7 is available on select HP PCs.
- [27] HP Sure Recover Gen5 is available on select HP PCs and requires Windows 10 or higher and an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.
- [28] 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.
- [29] 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/>.
- [37] myHP requires Windows OS.

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