ProductSheet
HP Elite SFF 800 G9 Desktop PC (99A31ET)

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.

Powerful Intel® processor
Help speed up demanding business applications with the latest generation Intel® Core™ processors. [2]

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.

Fast and efficient wireless LAN.
Get a fast and reliable connection in dense wireless environments with optional Wi-Fi 7 [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.

Specifications

Form factor	Small form factor
Operating system	Windows 11 Pro[1]
Processor family	Intel® Core™ i7 14th generation processor
Processor	Intel® Core™ i7-14700 (up to 5.4 GHz with Intel® Turbo Boost Technology, 33 MB L3 cache, 20 cores, 28 threads)[6,7]
Chipset	Intel® Q670 (vPro®)
Memory	16 GB DDR5-4800 MT/s (1 x 16 GB)
Memory Slots	4 DIMM
Internal Storage	512 GB PCIe® NVMe™ SSD
Internal drive bays	Two 3.5" HDD
Optical drive	DVD-Writer
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
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
Weight	5.4 kg *(Exact weight depends on configuration.)*
Package dimensions (W x D x H)	39.9 x 49.9 x 22.8 cm
Package weight	7.92 kg
Keyboard	HP 125 Wired 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 SD 4.0 card reader
Network interface	Intel® I219-LM GbE
Network interface type	WLAN
Wireless	Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, vPro®
Power	260 W internal power adapter, up to 92% efficiency, active PFC
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 CECP Enabled Configuration[11,16,18]
Sustainability specifications	At least 58% post-consumer recycled plastic; At least 10% ITE-derived closed loop plastic; Ocean-bound plastic in speaker enclosure and I/O strip; Molded paper pulp cushion inside box is made of 100% recycled or certified sources; Bulk packaging available; 80 Plus® Platinum power supplies available; Outside box and corrugated cushions are made of 100% recycled or certified sources
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	(AB7) 198990940229; (ABU) 198415148728
Manufacturer Warranty	1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Top Recommended Displays, Accessories and Services

Series 7 Pro	
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157UT
Series 5 Pro	
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AA
HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm	9E0Y9UT
Wired Headset	
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA
Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA
Speakerphones	
Poly Sync 10 USB-A USB-C Speakerphone	772C3AA
Wireless Headset	
Poly Voyager 4320 USB-C Headset +BT700 dongle	76U50AA

Messaging Footnotes

[1] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 2024, Intel ® Core ™ 14th gen processors, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices. Wi-Fi® supporting gigabit data rateis achievable with Wi-Fi 7 (802.11BE) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[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 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 Windows10 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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