

HP Elite SFF 800 G9 Desktop PC (6C6G2PA)



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.



HP recommends Windows 11 Pro for business

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

Specifications

Form factor	Small form factor
Operating system	Windows 10 Pro (available through downgrade rights from Windows 11 Pro) ^[1]
Processor family	12th Generation Intel® Core™ i9 processor
Processor	Intel® Core™ i9-12900 (up to 5.1 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores, 24 threads) ^[6,7]
Chipset	Intel® Q670 (vPro®)
Memory	32 GB DDR5-4800 MHz RAM (1 x 32 GB)
Memory Slots	4 DIMM
Internal Storage	1 TB PCIe® NVMe™ SSD
Internal drive bays	Two 3.5"; 1 slim ODD or 1 removable SATA HDD or 1 M.2 SSD bay
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 730
Audio	Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support
Minimum dimensions (W x D x H)	33.8 x 30.8 x 10 cm
Minimum 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 655 Wireless Keyboard and mouse combo
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 USB 3.1 Gen 2
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) ^[11,16,18]
Sustainable impact specifications	40% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low Halogen; Bulk packaging available; 80 Plus® Platinum power supplies 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
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; Absolute Persistence module; 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 QuickDrop; 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	196548707935

Top Recommended Displays, Accessories and Services

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

Messaging Footnotes

[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 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.

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>.

[12] 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.

[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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