ProductSheet
HP Elite SFF 800 G9 Desktop PC (A12GYUT)

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

Featuring

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.

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]

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]

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, 16 cores, 28 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
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 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
Package dimensions (W x D x H)	39.9 x 49.9 x 22.8 cm
Package weight	7.92 kg
Power	260 W internal power adapter, up to 92% efficiency, active PFC
Energy star certified	ENERGY STAR® certified
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]
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	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	(ABA) 198122694730; (ABC) 198122694747

Top Recommended Displays, Accessories and Services

E-Series	
HP E27q G5 QHD Monitor	6N6F2AA
HP E27 G5 FHD Monitor	6N4E2AA

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

[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.

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

[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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