HP EliteOne 800 G6 27 All-in-One PC

Elegance and power all in one

The remarkably thin 27-inch diagonal HP EliteOne 800 All-in-One grabs your attention with its stunning design. Elevate your expectations of what an AiO can do with this powerful, secure, no-compromise solution for those on the front lines of business.

*Product image may differ from actual product

HP recommends Windows 11 Pro for business

Stunning new design

- The HP EliteOne 800 AiO compliments the style of your office with its thin profile and sophisticated design. The optional low blue light, anti-glare display[3] features micro-edge bezels on three sides and supports several stand[4] options to fit your needs.

VR-ready power

- Power through your day on a VR-ready HP EliteOne 800 AiO. Configurable options include a 10th Gen Intel® Core™ processor[2], Intel® vPro™[5], and high-end NVIDIA® GeForce® RTX 2070 SUPER™ graphics.[4]

Work with peace of mind

- Security features from HP work together to create an always-on, always-acting, resilient defense. From the BIOS to the browser, above and below the OS, these constantly evolving solutions help protect your PC from threats.

- Focus on work while enjoying whisper quiet operation. The HP EliteOne 800 AiO utilizes HP Run Quiet Design that finely tunes the fans to keep systems running quiet and cool.

- 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.[6]

- Get reliable Wi-Fi® connectivity with HP Extended Range Wireless LAN that allows greater distance from transmission point and fast data throughput at shorter ranges.[8]

- Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi® 6.[9,10]

- Low blue light panels help remove harmful blue light waves while maintaining similar picture quality and color to standard panels.

- Keep more applications open and in front of you by making your AiO a second display for your laptop through the HDMI-in port connection.[4]

- The HP EliteOne 800 is made from 50 percent post-consumer recycled plastic content including ocean-bound plastics in the speaker box.[11]

- HP Sure Admin, a modern BIOS management tool, eliminates the need for a password or BIOS configuration utility in the OS by creating a digital signature that allows IT administrators to securely manage BIOS settings over a network.[12]

HP EliteOne 800 G6 27 All-in-One PC Specifications Table

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Available Operating Systems	Windows 11 Pro[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 10 Pro[1] Windows 10 Home – HP recommends Windows 11 Pro for business[1] Windows 10 Home Single Language – HP recommends Windows 11 Pro for business[1] FreeDOS (Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)
Processor family[36]	10th Generation Intel® Core™ i3 processor; 10th Generation Intel® Core™ i5 processor; 10th Generation Intel® Core™ i7 processor; 10th Generation Intel® Core™ i9 processor; Intel® Pentium® processor
Available Processors[37,38,39,40]	Intel® Core™ i3-10100 with Intel® UHD Graphics 630 (3.6 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i3-10300 with Intel® UHD Graphics 630 (3.7 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i5-10400 with Intel® UHD Graphics 630 (2.9 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores); Intel® Core™ i5-10500 with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; Intel® Core™ i5-10600 with Intel® UHD Graphics 630 (3.3 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; Intel® Core™ i7-10700 with Intel® UHD Graphics 630 (2.9 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores), supports Intel® vPro® Technology; Intel® Core™ i9-10900 with Intel® UHD Graphics 630 (2.8 GHz base frequency, up to 5.2 GHz with Intel® Turbo Boost Technology, 20 MB L3 cache, 10 cores), supports Intel® vPro® Technology; Intel® Pentium® Gold G6600 with Intel® UHD Graphics 630 (4.2 GHz base frequency, 4 MB L3 cache, 2 cores); Intel® Pentium® Gold G6500 with Intel® UHD Graphics 630 (4.1 GHz base frequency, 4 MB L3 cache, 2 cores)
Chipset[40]	Intel® Q470 (vPro™); Intel® Q470 (non-vPro™)
Form factor	All-in-one
Maximum memory	64 GB DDR4-3200 SDRAM [3,4] Transfer rates up to 2933 MT/s.
Memory slots	2 SODIMM
Internal storage	256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD[5] 128 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD[5] 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD[5] 256 GB up to 512 GB Intel® Optane™ Memory H10 with Solid State Storage[5,41]
Display	68.6 cm (27") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC; 68.6 cm (27") diagonal, QHD (2560 x 1440), touch, IPS, 300 nits, 72% NTSC [34]
Available Graphics	Integrated: Intel® UHD Graphics 610; Intel® UHD Graphics 630 Discrete: NVIDIA® GeForce® RTX 2070 SUPER™ (8 GB GDDR6 dedicated)[6,43]
Audio	Audio by Bang & Olufsen, headset and headphone side ports (3.5 mm), high performance integrated stereo speakers [8]
Expansion slots	1 M.2 2230; 2 M.2 2230/2280 (1 PCIe M.2 2230 slot for WLAN and 2 PCIe M.2 2230/2280 slot for storage.)
Ports and Connectors	Left side: 1 headphone/microphone combo ; Right side: 1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 10Gbps signaling rate ; Rear: 1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging); 1 HDMI 2.0a; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 Dual-Mode DisplayPort™ 1.4 ; Optional Ports: 1 5-in-1 SD media card reader
Input devices	HP Wired Desktop 320K Keyboard; HP Wired Desktop 320MK Mouse and Keyboard; HP Wireless Business Slim Keyboard and mouse combo[11]; HP USB Fingerprint Mouse; HP Wired Desktop 320M Mouse; HP USB wired optical mouse[10,11];
Communications	LAN: Integrated Intel® I219LM GbE LOM ; WLAN: Intel® Dual Band Wi-Fi 5 9560 (2x2) and Bluetooth® 5 M.2, non-vPro™; Intel® Dual Band Wi-Fi 5 9560 (2x2) and Bluetooth® 5 M.2, vPro™ ;
Camera	5 MP FHD pop-up camera with integrated dual array digital microphone; 5 MP FHD IR pop-up camera (front-facing), 5 MP camera for face authentication with Windows Hello with integrated dual array digital microphone (rear-facing) [12]
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 5 to 90% RH;
Software	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Wake on WLAN; HP Desktop Support Utilities; [13,14]
Available software	HP Smart Support[43]
Security management	Power-on password (via BIOS); SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Serial enable/disable (via BIOS); HP Secure Erase; HP Sure Click; HP Sure Sense; HP DriveLock and Automatic DriveLock; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10. (Common Criteria EAL4+ Certified); HP Sure Recover Gen3; HP Sure Run Gen3; HP Sure Start Gen6; HP BIOsphere Gen6; HP Client Security Manager Gen6;[9,15,16,21,24,27,28]
Fingerprint reader	Fingerprint reader (select models)
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); HP Cloud Recovery; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 4; HP Image Assistant Gen 5[18,19,42]
Power	210 W internal power supply, up to 92% efficiency, active PFC; 280 W internal power adapter, active PFC
Dimensions	61.36 x 58.24 x 25.49 cm; (System dimensions may fluctuate due to configuration and manufacturing variances.)
Weight	10.72 kg; (Exact weight depends on configuration.)
Ecolabels	ENERGY STAR® certified; CECP; EPEAT® 2019 registered where applicable[31]
Sustainable impact specifications	Low halogen[32]
Warranty	3-year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
Display Color Gamut	72% NTSC

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Accessories and services (not included)

HP 5 year Next Business Day Onsite Hardware Support for Desktops

Receive 5 years of next business day onsite HW Support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.
Product number: U7899E

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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.
[3] Touch and anti-glare screens are optional features that must be configured at the factory.
[4] Sold separately or as an optional feature.
[5] Some functionality of this vPro, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility with future "virtual appliances" is yet to be determined.
[6] HP Sure Sense requires Windows 10 Pro or Enterprise.
[8] Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.
[9] Wireless 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. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the laptop to communicate with other 802.11ax devices. Only available in countries where 802.11ax is supported.
[10] Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
[11] 50% post-consumer recycled plastic by weight of total weight of plastic parts in the product. Speaker enclosure made with 5% ocean bound plastic.
[12] HP Sure Admin requires Windows 10, 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.

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 .
[3] 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 2666 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.
[4] All memory slots are customer accessible / upgradeable.
[5] 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.
[7] Wireless access point and Internet service required and sold separately.
[8] All HP devices which carry the Bang & Olufsen brand are custom-tuned with Bang & Olufsen's acoustical engineers for precise sound experience in business use.
[9] HP Sure Sense requires Windows 10 Pro or Enterprise and supports Microsoft Internet Explorer, Google Chrome™, 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.
[10] Antimicrobial USB Mouse and HP USB Hardened Mouse are not available in all regions.
[11] HP Wireless Business Slim Keyboard and Mouse Combo sold separately or as an optional feature.
[12] Sold separately or as an optional feature.
[13] HP Support Assistant: Requires Windows and Internet access.
[14] Absolute Persistence Module: Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/ computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
[15] HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
[16] HP Sure Recover Gen3 is available on select HP PCs and requires an open network connection. 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.
[18] HP Driver Packs: Not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.
[19] HP Manageability Integration Kit: Can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.
[21] HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.
[24] HP Sure Start Gen6 is available on select HP PCs.
[27] HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.
[28] Intel® Identity Protection Technology (Intel® IPT): Models configured with Intel® Core™ processors have the ability to utilize advanced security protection for online transactions. Intel® Identity Protection Technology (Intel® IPT), used in conjunction with participating web sites, provides double identity authentication by adding a hardware component in addition to the usual user name and password. Intel® Identity Protection Technology (Intel® IPT) is initialized through an HP Client Security module.
[31] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[32] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[33] Wireless 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. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax devices. Only available in countries where 802.11ax is supported.
[34] Actual brightness will be lower with HP Sure View or touch screen.
[36] Your product does not support Windows 8 or Windows 7. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel® and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on http://www.support.hp.com
[37] 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.
[38] Intel® 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 www.intel.com/technology/turboboost for more information.
[39] Some functionality of vPro™ technology, such as Intel Active management technology and Intel® Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependant on 3rd party software providers. Compatibility of this generation of Intel vPro technology-based hardware with with future "virtual appliances" is yet to be determined.
[40] For full Intel® vPro® functionality, Windows, a vPro supported processor, vPro enabled Q370 chipset or higher and vPro enabled WLAN card are required. Some functionality, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility of this generation of Intel vPro technology-based hardware with future "virtual appliances" is yet to be determined.
[41] Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Requires 8th Gen or higher Intel® Core™ processor, BIOS version with Intel® Optane™ supported, Windows 10 64-bit, and an Intel® Rapid Storage Technology (Intel® RST) driver.
[42] HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: https://support.hp.com/us-en/document/c05115630.
[43] 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 visit http://www.hp.com/smart-support

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