ProductSheet
HP EliteOne 800 G6 All-in-One PC (683H7UT)

Elegance and power all in one

The remarkably thin 23.8-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.

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. Featuring micro-edge bezels on three sides and clean desk cable management, this stylish AiO sets your office apart.

Lead with power and performance
High-performance users will enjoy highly responsive performance with an Intel® processor. [2]

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

Featuring

Windows 11
Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

Fast performance, connectivity, and responsiveness
Get the exceptional combination of responsive performance, connectivity and speed with a 10th Gen Intel® Core™ processor that lets you launch, create, and connect fast and reliably. [2]

Security is your top priority
The HP Wolf Pro Security Edition provides preconfigured enterprise-level PC protection for small and medium sized businesses. [1]

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
The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6. [4]

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Specifications

Form factor	All-in-one
Operating system	Windows 11 Pro
Processor family	10th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-10700 (2.9 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores)[6,7]
Processor technology	Intel® Core™ i7 with vPro™ Technology
Chipset	Intel® Q470 (vPro™); Intel® Q470 (non-vPro™)[40]
Memory	16 GB DDR4-2933 MHz RAM (1 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ TLC M.2 SSD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Display	60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC
Display	23.8" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC[34]
Audio	Audio by Bang & Olufsen, headset and headphone side ports (3.5 mm), high performance integrated stereo speakers
Minimum dimensions (W x D x H)	53.97 x 54.11 x 23.69 cm *(With adjustable height stand.)*
Minimum dimensions (W x D x H)	21.24 x 21.30 x 9.33 in *(With adjustable height stand.)*
Weight	10.36 kg *(Lowest weight configuration with adjustable height stand. Weight will vary by configuration.)*
Weight	22.84 lb *(Lowest weight configuration with adjustable height stand. Weight will vary by configuration.)*
Keyboard	HP Wired Desktop 320K Keyboard
Pointing device	HP Wired Desktop 320M mouse
Camera	5 MP camera (pull-up) with integrated dual array digital microphones[12]
Ports	1 headphone/microphone combo
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	1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 10Gbps signaling rate
Ports	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
Package dimensions (W x D x H)	62.8 x 18.6 x 63.5 cm
Package weight	11.27 kg
Network interface type	WLAN
Wireless	Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, vPro®
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
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]
Sustainable impact specifications	Low halogen
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[15,16,21,24,27,28,43]
Software included	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Wake on WLAN; HP Desktop Support Utilities[13,14,17]
UPC number	196548417766
Manufacturer Warranty	3 year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Includes free 24/7 telephone support. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Top Recommended Displays, Accessories and Services

Keyboard and Mouse Kits

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA

Keyboards

HP Wireless Premium Keyboard	Z9N41AA

PC Locks

HP Business PC Security Lock v3 Kit	3XJ17AA

DDR4 Memory

HP 16GB DDR4-3200 DIMM	13L74AA

Mounting Kits

HP Single Monitor Arm	BT861AA

Port Adapters

HP HDMI Port Flex IO v2	13L55AA

PC Stands

HP EliteOne 800 G6 23.8-inch Adjustable Height Stand	13L61AA
HP EliteOne 800 G6 23.8-inch Recline Stand	13L62AA

PC Solid State Drives

HP PCIe NVME TLC 512GB SSD M.2 Drive	X8U75AA

Personal Systems Hardware Support Onsite Service

HP 4 year Next Business Day Onsite Desktop Hardware Support	U7897E

Personal Systems Commercial Care Pack Services

HP 4 year Active Care Next Business Day Onsite Desktop Hardware Support	U18H9E
HP 5 year Active Care Next Business Day Onsite w/Defective Media Retention DT HW Supp	U18HFE

Messaging Footnotes

[1] This product includes a one (1) year license of HP Wolf Pro Security Edition which includes HP Sure Click Pro and HP Sure Sense Pro. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as 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 twelve (12) months thereafter ("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."

[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 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.

[4] 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 PC to communicate with other 802.11ax devices. 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.

Technical Specifications Footnotes

[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.

[12] Sold separately or as an optional feature.

[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.

[17] Intel® Unite™ with Skype for Business plug-in: Sold separately or as an optional feature.

[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.

[34] Actual brightness will be lower with HP Sure View and touch screen.

[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.

[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-

Learn more at
hp.com

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