



HP EliteOne 800 G5 23.8-inch All-in-One PC

Create a modern workspace around the HP EliteOne 800 AiO with sophisticated style and serious performance. Make the 23.8-inch diagonal micro-edge anti-glare display appear dark to those around you at the touch of a button with optional HP Sure View Gen3.²



HP recommends Windows 10 Pro.

- Windows 10 Pro¹
- 23.8" diagonal screen

Built-in security

World-class comprehensive security solutions that are hardware enforced, self-healing, and simple to manage help protect your device, identity, and data on the HP EliteOne 800 AiO.

Powerful and configurable

Power through your day on a performance packed HP EliteOne 800 AiO. Configurable options include an Intel® Core™ processor³, Intel® vPro™⁴, Intel® Optane™ memory⁵, up to 64 GB of DDR4 memory⁶, and SSD storage.⁶

Inspired design

Count on this purposefully designed AiO to impress. Work in style on the elegant HP EliteOne 800 AiO with its thin profile, micro-edge anti-glare display, and superb cable management.

Featuring

- Power through your day with Windows 10 Pro with built-in security, collaboration, and connectivity.¹
- Instantly block prying eyes ability to view your screen with optional HP Sure View Gen3 that reduces visual light when the screen is viewed from the side making it appear dark and unreadable.²
- Protect the firmware that antivirus can't reach! The hardware-enforced self-healing protection offered by HP Sure Start automatically recovers the BIOS from malware, rootkits, or corruption.
- Keep your critical applications and processes running even if malware tries to shut them down with self-healing protection.
- Help protect your PC from websites, attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.⁷
- Quickly and securely restore PCs to the latest image using a network connection with optional HP Sure Recover.⁸
- Improve the quality and security of custom Windows images with HP Image Assistant Gen3 which assists ITDMs with image creation, identifies problems, and provides recommendations and remediation.
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.⁹
- Help keep your network and VPN safe from unauthorized access by requiring up to three factors of authentication for log-in - including optional fingerprint reader and IR camera facial recognition - with policies hardened at the silicon level.^{6,10}

HP EliteOne 800 G5 23.8-inch All-in-One PC Specifications Table



Form Factor	All-in-one
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. ¹ Windows 10 Pro 64 (National Academic only) ² Windows 10 Home 64 ¹ FreeDOS 2.0
Chipset	Intel® Q370
Available processors	Intel® Core™ Processors with optional vPro™
Maximum Memory	64 GB DDR4-2666 SDRAM ^{3,4} (Transfer rates up to 2666 MT/s.)
Memory Slots	2 SODIMM
Internal Storage	500 GB up to 1 TB 7200 rpm SATA ⁵ 500 GB up to 2 TB 5400 rpm SATA ⁵ 500 GB SATA SED Opal 2 HDD ⁵ 500 GB 7200 rpm SATA FIPS SED ⁵ 256 GB up to 512 GB SATA SED Opal 2 TLC SSD ⁵ 256 GB up to 512 GB SATA FIPS SSD ⁵ 128 GB up to 512 GB PCIe® NVMe™ M.2 SSD ⁵ 128 GB up to 1 TB PCIe® NVMe™ TLC M.2 SSD ⁵ 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD ⁵
Optical Drive	HP 9.5 mm Slim Blu-ray writer double layer; HP 9.5 mm Slim DVD-ROM double layer; HP 9.5 mm Slim DVD-Writer double layer ⁶
Display	23.8" diagonal FHD IPS widescreen WLED-backlit anti-glare (1920 x 1080) 23.8" diagonal FHD IPS widescreen WLED-backlit touch screen (1920 x 1080) 23.8" diagonal FHD HP Sure View integrated privacy screen IPS widescreen WLED-backlit anti-glare (1920 x 1080)
Available Graphics	Integrated: Intel® UHD Graphics 630 Discrete: AMD Radeon™ RX 560 Graphics (4 GB GDDR5 dedicated) ⁶
Audio	Audio by Bang & Olufsen, headset and headphone side ports (3.5 mm), line out rear port (3.5 mm), high performance integrated stereo speakers ⁸
Keyboard⁹	HP Conferencing Keyboard; HP USB and PS/2 Washable Keyboard; HP USB Business Slim Keyboard; HP USB Keyboard; HP USB Smart Card (CCID) Keyboard; HP Wireless Business Slim Keyboard and Mouse Combo
Pointing Device^{10,11}	HP USB 1000 dpi Laser Mouse; HP USB and PS/2 Washable Mouse; HP USB Antimicrobial Mouse; HP USB Optical Mouse
Communications	LAN: Integrated Intel® I219LM GbE LOM WLAN: Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® 5 M.2, non-vPro™; Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® 5 M.2, vPro™ ⁷

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	Side: 1 headphone; 1 headset connector Bottom: 1 audio-out; 1 DisplayPort™ 1.2; 1 HDMI; 1 power connector; 1 RJ-45; 2 USB 3.1 Gen 1; 4 USB 3.1 Gen 2; 1 USB 3.1 Type-C™ Gen 2 Optional: 1 SD 4 card reader
Internal Drive Bays	One 2.5" HDD
Camera	2 MP FHD pop-up webcam with integrated dual array digital microphone, maximum resolution of 1920 x 1080; 2 MP FHD IR pop-up webcam (front-facing) and 2 MP webcam for face authentication with Windows Hello with integrated dual array digital microphone (rear-facing), maximum resolution of 1920 x 1080 ¹²
Available Software	Absolute Persistence module; HP Jumpstart; HP Noise Cancellation Software; HP Sure Click; Intel® Unite™ with Skype for Business plug-in; Native Miracast Support; HP Wireless Wakeup; Buy Office (sold separately); HP Sure Recover ^{13,14,15,16,17}
Security Management	DriveLock; Hood sensor; HP BIOSphere; HP Password Manager; HP Power On Authentication; HP Spare Key; Intel® Identity Protection Technology (Intel® IPT); Power-on password (via BIOS); RAID configurations; Removable media write/boot control; SATA port disablement (via BIOS); Setup password (via BIOS); USB enable/disable (via BIOS); HP Sure Run; Fingerprint reader; Parallel enable/disable (via BIOS); Serial enable/disable (via BIOS); Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); HP Client Security Suite; HP Sure Start ^{21,22,23,24,25,26,27,28,29,30}
Management Features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP Management Integration Kit for Microsoft System Center Configuration Management; HP System Software Manager (download); Ivanti Management Suite ^{18,19,20}
Power	180 W internal power supply, up to 90% efficiency, active PFC; 210 W internal power supply, up to 92% efficiency, active PFC
Dimensions	21.2 x 7.1 x 18.4 in 53.96 x 18.02 x 46.77 cm (With basic stand.)
Weight	19.24 lb 8.73 kg (Lowest weight configuration with adjustable height stand. Weight will vary by configuration.)
Environmental	Low halogen ³²
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Gold; CECP ³¹
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.

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Accessories and services (not included)

HP 4 year Next Business Day Onsite Hardware Support for Desktops



When hardware issues come up, the sooner you can get running again, the better. Have expertise at the ready with HP Hardware Next Business Day Onsite Service, and vastly improve your product uptime. With high-quality remote assistance or convenient onsite support available the next business day, help is there when you need it—so you can get back to work.

Product number: U7897E (for 4 year platforms), U7899E (for 5 year platforms)

Messaging 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- ² HP Sure View Gen3 integrated privacy screen is an optional feature that must be configured at the factory. It is only available on non-touch models and is designed to function in landscape orientation.
- ³ 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 naming are not a measurement of higher performance.
- ⁴ 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.
- ⁵ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system and requires configuration with an optional Intel® Core™ i5 or 7) processor.
- ⁶ Sold as an optional feature must be configured at the factory.
- ⁷ HP Sure Click is available on most HP PCs and 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.
- ⁸ HP Sure Recover requires an open, wired network connection. Not available on platforms with multiple internal storage drives or Intel® Optane™. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
- ⁹ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ¹⁰ HP Multi Factor Authenticate Gen2 requires Windows, Intel® Core™ processor, Intel® integrated graphics, and Intel® WLAN. Microsoft System Center Configuration Manager is required for deployment. Three authentication factors require Intel® vPro™.

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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com/>.
- ² Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see <https://aka.ms/ProEducation> for Windows 10 Pro Education feature information.
- 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 2133 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 hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of system disk is reserved for the system recovery software.
- ⁶ Sold separately or as an optional feature.
- ⁷ Wireless access point and internet service required.
- 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 USB and PS/2 Washable Keyboard: PS/2 port not available on EliteOne 800 G5 AIOs.
- ¹⁰ Antimicrobial USB Mouse and HP USB Hardened Mouse are not available in all regions.
- ¹¹ HP USB and PS/2 Washable Mouse: PS/2 port not available on EliteOne 800 G5 AIOs.
- ¹² Sold separately or as an optional feature.
- ¹³ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- 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 is available on most HP PCs and 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.
- ¹⁶ HP Sure Recover: is available on HP Elite PCs with 8th generation Intel® or AMD processors and requires an open, wired network connection. Not available on platforms with multiple internal storage drives, Intel® Optane™. You must back up important files, data, photos, videos, etc. before use 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>.
- ²⁰ Ivanti Management Suite: Subscription required.
- ²¹ HP BIOSphere: Requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.
- ²² HP Client Security Suite: Requires Windows and Intel® or AMD 8th generation processors.
- ²³ HP Password Manager: Requires Internet Explorer or Chrome or Firefox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.
- ²⁴ HP Sure Start: is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors.
- ²⁵ Firmware TPM: Is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).
- ²⁶ RAID configuration: Is optional and does require a second hard drive.
- ²⁷ HP Sure Run: Is available on HP Elite products equipped with 8th generation 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.
- ²⁹ Fingerprint reader: standard on HP EliteOne 800 G5 All-in-One touch screen models and sold separately or as an optional feature on non-touch models.
- ³⁰ HP Drive Lock is not supported on NVMe drives.
- ³¹ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. See HP's 3rd party option store for solar energy accessory www.hp.com/go/options.
- ³² External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

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