



HP EliteOne 800 G4 23.8-inch Touch All-in-One PC

Powered for the enterprise

Modernize any workspace with an AiO PC that makes a great first impression. The HP EliteOne AiO delivers serious performance, engaging collaboration, multi-faceted security, and purposeful manageability in a stunning and sleek 23.8-inch diagonal micro-edge bezel design.



HP recommends Windows 10 Pro.

- Windows 10 Pro¹
- 23.8" diagonal screen

Amazing from any angle

- 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 touch display, and superb cable management.

Performance first

- Users will enjoy powerful 8th Gen Intel® Core™ processors², Intel® Optane™ memory³ and optional AMD Radeon™ discrete graphics⁴.

Strong security, powerful manageability

- Get powerful protection and simplified management from our most secure and manageable PCs. HP Sure Start Gen4⁶ protects against BIOS attacks while the HP Manageability Integration Kit⁷ allows you to easily manage devices through Microsoft System Center Configuration Manager.

See and hear them clearly

- Collaborate with the sharpness of a face-to-face meeting on the 23.8-inch diagonal FHD touch display with crystal-clear audio and either a front-facing pop-up IR camera with a rear-facing FHD Camera⁸, or a front facing pop-up FHD camera⁸.

Featuring

- Power through your day with Windows 10 Pro with built-in security, collaboration, and connectivity.
- Protect the firmware that antivirus can't reach! The hardware-enforced self-healing protection offered by HP Sure Start Gen4 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.
- Quickly and securely restore PCs to the latest image using a network connection with HP Sure Recover.
- 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.
- Fortify your security with up to three authentication factors including fingerprints and facial recognition.

HP EliteOne 800 G4 23.8-inch Touch All-in-One PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro. ¹ Windows 10 Pro 64 (National Academic only) ² Windows 10 Home 64 ¹ FreeDOS
Processor family ^{19,21}	8th Generation Intel® Core™ i7 processor (i7-8700); 8th Generation Intel® Core™ i7 + processor (Core™ i7 and Intel® Optane™ memory); 8th Generation Intel® Core™ i5 + processor (Core™ i5 and Intel® Optane™ memory); 8th Generation Intel® Core™ i5 processor (i5-8500, i5-8600); 8th Generation Intel® Core™ i3 processor (i3-8100, i3-8300); Intel® Pentium® processor (G5400, G5500 are Windows 10 only)
Available Processors ^{3,20,22}	Intel® Core™ i3-8100 with Intel® UHD Graphics 630 (3.6 GHz, 6 MB cache, 4 cores) Intel® Pentium® Gold G5400 with Intel® UHD Graphics 610 (3.7 GHz, 4 MB cache, 2 cores) Intel® Core™ i3-8300 with Intel® UHD Graphics 630 (3.7 GHz, 8 MB cache, 4 cores) Intel® Pentium® Gold G5500 with Intel® UHD Graphics 630 (3.8 GHz, 4 MB cache, 2 cores) Intel® Core™ i7-8700 vPro™ processor with Intel® UHD Graphics 630 (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores) Intel® Core™ i7+ 8700 vPro™ processor (Core™ i7 and 16 GB Intel® Optane™ memory) with Intel® UHD Graphics 630 (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores) Intel® Core™ i5-8600 vPro™ processor with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i5+ 8600 vPro™ processor (Core™ i5 and 16 GB Intel® Optane™ memory) with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i5-8500 vPro™ processor with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i5+ 8500 vPro™ processor (Core™ i5 and 16 GB Intel® Optane™ memory) with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores)
Chipset	Intel® Q370
Form factor	All-in-one
Maximum memory	32 GB DDR4-2666 SDRAM ^{4,13} Transfer rates up to 2666 MT/s.
Memory slots	2 SODIMM
Internal storage	500 GB up to 1 TB 7200 rpm SATA ⁵ 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 ⁵ 128 GB up to 512 GB SATA SSD ⁵
Optical drive ^{17,41}	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
Display	23.8" diagonal FHD IPS widescreen WLED-backlit touch screen (1920 x 1080)
Available Graphics	Integrated: Intel® UHD Graphics 630; Intel® UHD Graphics 610
Audio ¹⁸	Audio by Bang & Olufsen, headset and headphone side ports (3.5 mm), line out rear port (3.5 mm), high performance integrated stereo speakers
Expansion slots	1 M.2 2230; 2 M.2 2230/2280 (1 M.2 2230 slot for WLAN and 2 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 ⁶ Optional: 1 SD 4 card reader
Input devices	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; HP Wireless Collaboration Keyboard ¹⁴ ; HP USB 1000 dpi Laser Mouse; HP USB and PS/2 Washable Mouse; HP USB Antimicrobial Mouse; HP USB Hardened Mouse; HP USB Optical Mouse; HP USB Premium Mouse ^{8,16} ;
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 ;
Drive Bays	One 2.5" HDD
Camera ¹⁷	2 MP full HD pop-up webcam with integrated dual array digital microphone, maximum resolution of 1920 x 1080; 2 MP, 1080p, FHD pop-up Camera with IR sense (front) and 2 MP webcam (rear) with integrated dual array digital microphone, maximum resolution of 1920 x 1080, IR camera for face authentication with Windows Hello
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Available Software ^{9,23,25,27,28}	Absolute Persistence module; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP Support Assistant; Intel® Unite™ with Skype for Business plug-in; Native Miracast Support; HP Wireless Wakeup; Buy Office (sold separately); HP Sure Recover
Security management ^{11,31,32,34,35,36,37,38,39,40}	DriveLock; Hood sensor; HP BIOSphere; HP Password Manager; HP Power On Authentication; 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 Client Security Suite Gen 4; HP Sure Start Gen 4; 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)
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); Ivanti Management Suite; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2 ^{10,29,30}
Power	180 W internal power supply, up to 90% efficiency, active PFC
Dimensions	21.2 x 7.1 x 18.4 in
Weight	19.24 lb
Energy efficiency compliance ¹²	ENERGY STAR® certified; EPEAT® registered; CECP
Environmental specifications ¹⁵	Low halogen

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Accessories and services (not included)

HP Single Monitor Arm



The HP Single Monitor Arm is the perfect desk accessory for your work life. Sleek and streamlined, the HP Single Monitor Arm is designed to complement the way you work.

Product number: BT861AT

HP TLC 256 GB SATA SSD



Expand the storage capabilities of your desktop with the HP TLC 256 GB SATA SSD¹, which includes TLC flash and the same reliability you already get from current SATA SSD drives.

Product number: P1N68AT

HP PCIe NVMe TLC 512GB SSD M.2 Drive



Reduce boot up, calculation, and graphics response times and revolutionize how your HP Business Desktop handles large files with the HP PCIe NVMe TLC 512GB SSD M.2 Drive, a remarkably affordable and innovative PCIe-based NVMe memory SSD storage solution.

Product number: X8U75AA

HP 8GB DDR4-2400 SoDIMM



Boost the capabilities of your HP Business Desktop PC and improve system performance and application responsiveness with low-power, high-speed DDR4 memory from HP.

Product number: Z9H56AT

HP EliteOne G3 800 AIO Recline Stand



Create a customized workspace for your HP All-in-One with the HP EliteOne 800 G3 AiO Recline Stand, which allows you to recline the system for maximum usability in a range of settings.

Product number: Z9H67AA

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)

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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 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.
- ³ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system and requires configuration with an optional Intel® Core™ i(5 or 7)+ processor.
- ⁴ AMD Radeon™ graphics sold separately and must be configured at the factory.
- ⁵ HP Sure Start Gen4 is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors.
- ⁷ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ⁸ Sold as an optional feature must be configured at the factory.
- ⁹ HP Sure Run is available on HP Elite products equipped with 8th generation Intel® or AMD processors.
- ¹⁰ 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.
- ¹¹ 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 or Intel® Optane™. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
- ¹² HP Multi Factor Authenticate Gen2 requires Windows, 7th or 8th generation 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 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.
- ⁴ 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.
- 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.
- ⁷ Wireless access point and internet service required.
- ⁸ Antimicrobial USB Mouse and HP USB Hardened Mouse are not available in all regions.
- ⁹ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- ¹⁰ HP Driver Packs: Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- ¹¹ HP BIOSphere Gen4: Requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.
- ¹² Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- ¹³ All memory slots are customer accessible / upgradeable.
- ¹⁴ HP USB and PS/2 Washable Keyboard: PS/2 port not available on EliteOne 800 G4 AiOs.
- ¹⁵ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ¹⁶ HP USB and PS/2 Washable Mouse: PS/2 port not available on EliteOne 800 G4 AiOs.
- ¹⁷ Sold separately or as an optional feature.
- ¹⁸ 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.
- ¹⁹ 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® 8th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.
- ²⁰ Some functionality of 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 dependant on 3rd party software providers. Compatibility with future "virtual appliances" is yet to be determined.
- ²¹ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system and requires configuration with an optional Intel® Core™ i(5 or 7)+ processor.
- ²² 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.
- ²³ 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.
- ²⁵ HP Support Assistant: Requires Windows and Internet access.
- ²⁷ 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.
- ²⁸ Intel® Unite™ with Skype for Business plug-in: Sold separately or as an optional feature.
- ²⁹ HP Manageability Integration Kit: Can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ³⁰ Ivanti Management Suite: Subscription required.
- ³¹ HP Client Security Suite Gen 4: Requires Windows and Intel® or AMD 8th generation processors.
- ³² 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.
- ³³ Microsoft Defender: Opt in and internet connection required for updates.
- ³⁴ HP Sure Start Gen4: is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors.
- ³⁵ 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).
- ³⁶ RAID configuration: Is optional and does require a second hard drive.
- ³⁷ HP Sure Run: Is available on HP Elite products equipped with 8th generation Intel® or AMD processors.
- ³⁸ 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.
- ³⁹ Fingerprint reader: standard on 800 G4 AiO touch models and optional on non-touch models.
- ⁴⁰ HP Drive Lock is not supported on NVMe drives.
- ⁴¹ HD-DVD disks cannot be played on this drive. No support for DVD-RAM. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs. Discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

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4AA7-3659, , 2019 July 16

