

Datasheet

HP EliteOne 800 G3 60.4 cm (23.8") Non-Touch All-in-One PC



Stunning design and powerful features all in one

The beautifully redesigned HP EliteOne 800 AiO delivers an Elite user experience with an elegant thin design, powerful processors, multi-faceted security, and engaging collaboration capabilities.



HP recommends Windows 10 Pro.

- Windows 10 Pro¹
- 23.8" diagonal screen

Amazing from any angle

- First impressions are important; you can count on this purposefully- designed AiO to make a good one. Work in style on the elegant HP EliteOne 800 AiO with its thin profile, micro-bezel border, and superb cable management.

Strong security, powerful manageability

- Get powerful protection and simplified management from HP's most secure and manageable PCs. HP Sure Start Gen3³ protects against BIOS attacks while the HP Manageability Integration Kit⁴ allows you to easily manage devices through Microsoft System Center Configuration Manager.

Performance first

- High-performance users will enjoy the powerful combination of 7th Gen Intel® Core™ processors⁵, optional Intel® Optane™ memory⁶ and SSDs⁶, Intel® HD Graphics, or optional AMD Radeon™ discrete graphics⁶.

See and hear them clearly

- Give online collaboration the sharpness and clarity of a face-to-face meeting on the stunning 60.4 cm (23.8") diagonal FHD display⁶ with Audio by Bang & Olufsen, HP Noise Cancellation software, HP Audio Boost, and optional front and rear facing HD webcams⁶.

Featuring

- Power through your day with Windows 10 Pro and the powerful HP EliteOne 800 AiO with built-in security, collaboration, and connectivity.¹
- Start with a genuine HP BIOS every time. HP Sure Start Gen3 monitors in-memory BIOS, recovers the platform without user or admin intervention, restores the BIOS to a custom state, and is enterprise ready for centralized management.³
- Keep data out of reach and defend against theft, attacks, and unauthorized users with HP Client Security Suite Gen3.⁷
- Simplify your day with secure and easy biometric authentication through the optional IR camera⁶ to use your face as your password.⁶
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.⁴
- Greatly improve data, voice, and video communication transfer rates over challenged LAN and Wi-Fi networks.
- Rest easy with a PC that goes the distance and has passed HP Total Test Process and MIL-STD 810G testing.
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant.

HP EliteOne 800 G3 60.4 cm (23.8") Non-Touch 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 Home 64 ¹ Windows 10 Home Single Language 64 ¹ Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) ³ FreeDOS 2.0
Available Processors⁴	Intel® Core™ i7-7700 with Intel HD Graphics 630 (3.6 GHz, up to 4.2 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-7500 with Intel HD Graphics 630 (3.4 GHz, up to 3.8 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-7600 with Intel HD Graphics 630 (3.5 GHz, up to 4.1 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-7100 with Intel HD Graphics 630 (3.9 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-7300 with Intel HD Graphics 630 (4 GHz, 4 MB cache, 2 cores); Intel® Pentium® G4560 with Intel HD Graphics 610 (3.5 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4600 with Intel HD Graphics 630 (3.6 GHz, 3 MB cache, 2 cores); Intel® Core™ i7-6700 with Intel HD Graphics 530 (3.4 GHz, up to 4.0 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-6600 with Intel HD Graphics 530 (3.3 GHz, up to 3.9 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-6500 with Intel HD Graphics 530 (3.2 GHz, up to 3.6 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-6100 with Intel HD Graphics 530 (3.7 GHz, 3 MB cache, 2 cores)
Chipset	Intel® Q270
Maximum Memory	Up to 32 GB DDR4-2400 SDRAM ⁶ Standard memory note: Transfer rates up to 2400 MT/s
Memory slots	2 SODIMM
Internal Storage	500 GB up to 1 TB 2.5" SATA (7200 rpm) ⁷ 500 GB up to 1 TB SATA SSHD (5400 rpm) ⁷ 256 GB up to 512 GB SATA SED ⁷ 128 GB up to 1 TB HP Turbo Drive G2 TLC SSD (PCIe) ⁷ up to 256 GB SATA SSD ⁷
Optical Storage	Slim DVD-ROM; Slim DVD-Writer
Display	60.45 cm (23.8") diagonal FHD IPS widescreen WLED-backlit anti-glare (1920 x 1080)
Available Graphics	Integrated: Intel® HD Graphics 530; Intel® HD Graphics 630; Intel® HD Graphics 610 ^{10,11,12} Discrete: AMD Radeon™ RX 460 GFX (2 GB) (Models available with either integrated or discrete graphics.)
Audio	Integrated Realtek ALC221 with combo microphone/headphone jack, line-in and line-out rear ports (3.5 mm), internal speaker.
Communications	LAN: Intel® i219LM Gigabit Network Connection LOM WLAN: Intel® 8265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card vPro™; Intel® 8265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™; Intel® 7265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™ ⁹
Expansion Slots	1 M.2 internal connector for optional wireless NIC; 2 M.2 internal connector for optional Turbo Drive G2 SSD
Ports and Connectors	Front: Speakers (optional); 2 digital microphones Back: 1 Dual-mode DisplayPort™; 1 HDMI; 4 USB 3.1 Type-A; 1 power connector; 1 RJ-45; 1 audio line out; 1 audio line in; 1 security lock slot ^{8,20} Left Side: 1 headphone connector; 1 universal audio jack with CTIA headset support; 1 optical drive (optional) Right side: 1 headphone connector Bottom: 2 USB 3.1 Type-A; 1 SD 4 card reader (optional); 1 USB 3.1 Type-C™ ^{20,21}
Internal Drive Bays	One 6.35 cm (2.5")
Input Device	HP Conferencing Keyboard; HP USB Smart Card (CCID) Keyboard; HP USB Business Slim Keyboard; HP USB Grey Business Slim Keyboard; HP Wireless Business Slim Keyboard and Mouse ¹³ HP USB 1000 dpi Laser Mouse; HP Grey V2 Mouse; HP USB Optical Mouse; HP USB Washable Mouse; HP USB Hardened Mouse ¹³
Webcam	Optional discrete dual microphone and optional integrated 2 MP webcam and IR sense (front) and 2 MP webcam (rear), maximum resolution of 1920 x 1080; Optional discrete dual microphone and optional integrated 2 MP webcam, maximum resolution of 1920 x 1080; Integrated webcam (optional)
Available Software	Bing search for IE11; Buy Office; CyberLink Power Media Player; CyberLink Power2Go; Foxit Phantom PDF Express; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP Notifications; HP Sure Click; HP Velocity; Native Miracast Support; Skype for Business Certified ^{14,15,16,19}
Security Management	Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified); SATA 0,1 port disablement (via BIOS); Drive lock; RAID configurations; Serial, USB enable/disable (via BIOS); Power-on password (via BIOS); Setup password (via BIOS); Hood sensor; Support for chassis padlocks and cable lock devices
Management Features	Intel® vPro™ standard (Core i5 and Core i7)
Power	180 W, 87% efficient, active PFC
Dimensions	53.96 x 5.38 x 34.18 cm
Weight	6.03 kg
Environmental	Low halogen ¹⁸
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® registered configurations available ¹⁷
Warranty	3-year limited warranty including 3 years of parts, labour, and next-business-day onsite service. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Accessories and services (not included)

HP Wireless Slim Business Keyboard



Enjoy easy data entry and wireless connectivity with the HP Wireless Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs.

Product number: N3R88AA

HP 256GB Turbo Drive G2 SSD - M.2 Card



Reduce boot up, calculation, and graphics response times and revolutionize how your HP Business Desktop handles large files with the HP 256GB Turbo Drive G2 SSD - M.2 Card, a remarkably affordable and innovative storage solution.

Product number: T4E65AA

HP 16GB 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: Z9H53AA

HP 9.5mm AIO 800 G3 Slim DVD Writer



Affordably add an optical storage writer to your HP Desktop PC¹ with the HP 9.5mm AIO 800 G3 Slim DVD Writer, which connects through SATA and supports writing—up to 8.5 GB of data or four hours of DVD-quality video—to all DVD formats.

Product number: Z9H62AA

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

- 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 Available on HP EliteDesk and EliteOne products equipped with Intel® 7th generation processors.
- ³ The HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ⁴ 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.
- ⁵ Sold separately or as an optional feature.
- ⁶ HP Client Security Suite Gen3 requires Windows and Intel® 7th Gen processors.
- ⁷ MIL-STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

Technical specifications disclaimers

- 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 This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- ⁴ 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 is not a measurement of higher performance.
- ⁵ 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>
- ⁶ Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
- ⁷ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.
- ⁸ HDMI cable sold separately or as an optional feature. Supports HDMI 2.0a features.
- ⁹ Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications 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 802.11ac WLAN devices.
- ¹⁰ Intel® HD Graphics 530: integrated on 6th gen Core™ i7/i5/i3 processors
- ¹¹ Intel® HD Graphics 630: integrated on 7th gen Core™ i7/i5/i3 processors and Pentium® G4620, 4600, 4600T
- ¹² Intel® HD Graphics 610: integrated on Pentium® G4560, G4560T, Celeron™ G3950, G3930, G3930T
- ¹³ Sold separately or as an optional feature.
- ¹⁴ HP BIOSphere with Sure Start available only on business PCs with HP BIOS. HP BIOSphere Gen 3 requires Intel® 7th generation processors.
- ¹⁵ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.
- ¹⁶ HP ePrint Driver requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Requires optional broadband module. Print times and connection speeds may vary.
- ¹⁷ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options
- ¹⁸ External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- ¹⁹ CyberLink Power Media Player: select models only; CyberLink Power2Go: select models only; Foxit PhantomPDF Express: Windows 7 only; Skype for Business Certified: is not offered in China.
- ²⁰ USB 3.1 Gen 1: 5 Gbit/s data speed.
- ²¹ 2 internal SATA storage connectors.

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