

Datasheet

HP EliteOne 800 G2 58.4 cm (23") Touch All-in-One PC



The All-in-One that gets it done in style

Elegant, sleek, user-friendly, and designed to perform, the HP EliteOne 800 is ready to deploy in demanding environments, with manageability and security, enterprise-class collaboration technologies, and touchscreen configurations.²



- Windows 10 Pro¹
- Screen Size: 58.4 cm (23") diagonal

Place it here, there, and everywhere

- Deploy this redesigned, stylish All-in-One with a 58.4 cm (23") diagonal FHD display anywhere you need a powerhouse PC. Its slim design and integrated cable management make an impression at reception, on an executive's desk or mounted on a wall.

Deeply secure

- Help secure your PC with comprehensive hardware and software tools like an optional fingerprint reader³ and HP BIOSphere with Sure Start's customizable BIOS-level passwords.⁴

Power-packed performance

- Drive your most demanding workloads with an All-in-One powered by fast 6th Gen Intel® Core™ processors⁵, plus AMD Radeon™ R9 360 discrete graphics² with 2 GB GDDR5 for your most challenging use cases.

Count on premier audiovisual clarity

- Collaborate naturally with Cortana⁶ on Windows 10 Pro,¹ optional 10-point capacitive touch,² Audio by Bang & Olufsen, HP Clear Sound Amp, HP Noise Reduction Software, and a 2MP HD webcam.⁷

Featuring

- Help protect from today's security threats and maximize management and productivity features for business with Windows 10 Pro.¹
- Make expansion and upgrades a snap with a tool-less rear access panel.
- Simplify IT manageability with Intel® vPro™⁸ and Windows 10¹ plus HP Common Core BIOS, which enables easy management of your entire fleet of HP devices.
- Rest easy with a PC that passed 120,000 hours of testing and is designed to undergo MIL-STD 810G⁹ testing.
- Get the same HP configuration across the globe, available in more than 180 countries where HP conducts business.
- Make more room with optional, versatile stands² or a space-saving VESA wall mount¹⁰ for a range of use cases.
- Save time and help eliminate the need for cumbersome complicated passwords by using the integrated fingerprint reader.³

HP EliteOne 800 G2 58.4 cm (23") Touch All-in-One PC Specifications Table



Form Factor	All-in-one
Available Operating System	Windows 10 Pro 64 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) ² Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro) ² Windows 8.1 Pro 64 ¹ Windows 8.1 64 ¹ Windows 8.1 Single Language 64 ¹ Windows 7 Professional 64 ¹ Windows 7 Professional 32 ¹ Windows 7 Home Basic 64 ¹ Windows 7 Home Basic 32 ¹ FreeDOS 2.0
Available Processors³	Intel® Core™ i7-6700 with Intel HD Graphics 530 (3.4 GHz, up to 4 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™ i3-6320 with Intel HD Graphics 530 (3.9 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-6300 with Intel HD Graphics 530 (3.8 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-6100 with Intel HD Graphics 530 (3.7 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4500 with Intel HD Graphics 530 (3.5 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4400 with Intel HD Graphics 510 (3.3 GHz, 3 MB cache, 2 cores)
Chipset	Intel® Q170
Maximum Memory	Up to 32 GB DDR4-2133 SDRAM Standard memory note: Transfer rates up to 2133 MT/s
Memory slots	2 SODIMM
Internal Storage	500 GB up to 1 TB SATA (7200 rpm) ⁴ 500 GB up to 1 TB SATA SSHD ⁴ 120 GB up to 256 GB SATA SSD ⁴ 128 GB up to 512 GB SATA 3D SSD ⁴ 120 GB up to 256 GB SATA SE SSD ⁴ 128 GB up to 256 GB Turbo Drive (M.2 PCIe SSD) ⁴
Optical Storage	Slim Tray-load DVD-ROM; Slim Tray-load SuperMulti DVD writer; Slim Tray-load SATA BDXL Blu-ray writer ^{5,6}
Display	58.4 cm (23") diagonal IPS widescreen backlight 10-point capacitive touch LCD (1920 x 1080)
Available Graphics	Integrated: Intel® HD Graphics ⁸ Discrete: AMD Radeon™ R9 360 (2 GB) (Intel® HD Graphics integrated on processor)
Audio	Audio by Bang and Olufsen utilizing HP Clear Sound Amp which supports the integrated high-performance stereo 2.2W internal speakers, microphone array, headphone jack, line-out jack and a microphone jack that is retaskable to second headphone or line in.
Communications	LAN: Intel® i219M GbE WLAN: Intel® 8260 802.11ac wireless M.2 with Bluetooth®; Intel® 8260 802.11ac wireless M.2; Broadcom BCM943228Z 802.11n wireless M.2 with Bluetooth®; Broadcom BCM943228Z 802.11n wireless M.2 ⁷
Expansion Slots	1 M.2 2230; 1 M.2 2280 (M.2 2230 slot for WLAN; M.2 2280 slot for SSD)
Ports and Connectors	Left: 1 USB Type-C™; 2 USB 3.0 (1 charging); 1 headphone; 1 microphone; 1 SD 4 reader (optional) Right: 1 fingerprint reader Back: 4 USB 3.0; 1 DisplayPort 1.2; 1 RJ-45; 1 audio line out; 1 serial (optional); 2 PS/2 (keyboard/mouse) optional
Internal Drive Bays	Two 6.35 cm (2.5")
External Drive Bays	One slim ODD (optional); One SD 4 card reader (optional)
Webcam	2 MP full HD webcam (optional)
Available Software	HP business PCs are shipped with a variety of software titles including: Active Health (black box flight recorder), HP Drive Encryption (FIPS 140-2), HP Client Security, HP Security Manager, Microsoft Security Essentials, CyberLink Power2Go DVD BD, Native Miracast Support, HP ePrint Driver, HP Recovery Manager, Foxit PhantomPDF Express. Please refer to this product's quick spec document for a full list of preinstalled software. ^{10,11,12}
Security Management	Integrated fingerprint reader; HP BIOSphere with Sure Start; HP Touchpoint Manager; Infineon TPM SLB9670 1.2/2.0 (Common Criteria EAL4+ certified); Security lock slot; Support for Noble Locking Plate (third-party option); Intrusion detection system; Ultralock cable lock (optional); SATA port disablement (via BIOS); DriveLock and Automatic DriveLock; RAID (available as a configurable option); Serial, parallel, USB enable/disable (via BIOS); Optional USB port disable at factory (user configurable via BIOS); Removable media write/boot control; Power-on password (via BIOS); Setup password (via BIOS) ^{13,14,15,16}
Management Features	Intel® vPro™ Technology capable (select models)
Power	160 W, up to 90% efficient, active PFC (with integrated graphics); 200 W, up to 92% efficient, active PFC (with discrete graphics)
Dimensions	567.1 x 58.9 x 392.7 mm (Without stand but with non-stand VESA cover)
Weight	7.34 kg (Weight without stand but with non-stand VESA cover. Exact weight depends on configuration.)
Environmental	Low halogen
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 3D 256GB SATA Solid
State Drive



Expand the storage capabilities of your desktop with the HP 3D 256 GB SATA SSD¹, which includes 3D VNAND flash for impressive read/write performance and reliability plus the same solid performance you already get from current from SSD drives.

Product number: N1M49AA

HP 5 year Next business day
Onsite Desktop Only
Hardware Support



With high-quality remote assistance or convenient onsite support available 24x7, help is there when you need it—so you can get back to work.

Product number: U7899E

Learn more at
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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 and/or software 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.microsoft.com>.
- ² Sold separately or as an optional feature.
- ³ Fingerprint reader not available on non-touch versions of the EliteOne 800 G2 AiO.
- ⁴ HP BIOSphere features may vary depending on the PC platform & configuration.
- ⁵ 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. 64-bit computing system required. 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.
- ⁶ Cortana experience may vary by device, region.
- ⁷ Speakers and web cam are offered as standard features but may be deselected during the ordering process.
- ⁸ Some functionality of vPro, such as Intel® Active Management Technology and Intel Virtualization Technology, requires additional third party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on third party software providers. Microsoft Windows required.
- ⁹ MIL-STD testing is pending and 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. Accidental damage or damage under the MIL STD test conditions requires an optional HP Accidental Damage Protection Care Pack.
- ¹⁰ Mounting hardware required and sold separately.

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.microsoft.com>
- ² This system is preinstalled with Windows 7 Professional 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.
- 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. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- ⁴ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 36 GB (for Windows 8.1 and 10) of system disk is reserved for system recovery software.
- ⁵ Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.
- ⁶ With Blu-Ray drive XL, certain disc, digital connection, compatibility and performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require an HDCP path and HDCP display. HD-DVD movies cannot be played on this BDXL Drive.
- ⁷ 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 this desktop PC to communicate with other 802.11ac WLAN devices.
- ⁸ HD content required to view HD images.
- ⁹ Optional or add-on feature.
- ¹⁰ HP ePrint 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/businessmobileprinting).
- ¹¹ Microsoft Security Essentials requires Windows 7 and internet access.
- ¹² 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. Miracast is available for Windows 8 and Windows 10. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.
- ¹³ HP Touchpoint Manager requires purchase of a subscription and supports Android™, iOS and Windows 7 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see www.hp.com/touchpoint for availability information.
- ¹⁴ Noble Locking Plate for use with HP Recline Stand and HP Adjustable Height Stand
- ¹⁵ HP BIOSphere available only on business PCs with HP BIOS.
- ¹⁶ 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).
- ¹⁷ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
- ¹⁸ 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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