

## Datasheet

# HP EliteOne 800 G1 54,61 cm (21.5") Non-Touch All-in-One PC



## Impressive performance that fits right in

The sleek design of the HP EliteOne 800 G1 AiO inspires with a space saving 21.5-inch diagonal screen. Trust your mission critical projects to an all-in-one PC that's built to handle the demands of virtually any business environment. Power your workday with a secure, enterprise-class PC that's as reliable as it is stylish.



- Windows 8.1
- Screen Size 21.5" diagonal

**Turn the reception area into the showroom, and optimize the space of your back room as well. With slim, edge-to-edge glass, this space saving all-in-one PC impresses virtually anywhere.**

- Make more room with optional versatile stands or a space-saving VESA wall mount.<sup>1</sup>
- Multiparty HD video conferencing brings life and expression to Lync Meetings.<sup>2</sup>
- Display your work the way it was meant to be seen.

**Multitask and move your business forward in a flash. Quickly open new files and switch applications with less wait time, thanks to solid-state drives and solid-state hybrid drive options.<sup>12</sup>**

- Power through your day with speed and performance. Get the latest in processing technology with your choice of 4th generation Intel® Core™ processors.<sup>3</sup>
- Intel® Smart Response Technology (SRT)<sup>4</sup>, a disk cache solution, delivers similar performance associated with Solid State Drives while retaining the data storage capacity of today's large Hard Disk Drives.
- Help increase productivity by up to 35%<sup>5</sup> with support for up to two external displays.<sup>6</sup>
- HP ePrint makes wireless printing simple.<sup>7</sup>
- HP PageLift automatically enhances captured documents and images.<sup>8</sup>

**Keep it secure, keep it simple. IT efficiency reigns supreme when it's backed by a full portfolio of HP Client Security<sup>10</sup> and Intel vPro management features.<sup>10</sup>**

- Help keep data safe and secure with optional dual storage RAID configurations.<sup>11</sup>
- Guard your data, device and identity with HP Client Security.<sup>9</sup>
- HP BIOS protection's automated recovery restores a copy of the BIOS from a partition on the hard drive if crisis strikes.<sup>13</sup>
- Talk to an agent any time with HP Elite Premium Support,<sup>14</sup> at no additional charge.

**Keep your devices online and ready to work. HP Wireless Hotspot, a USB fast charging port, or optional Near Field Communication help you stay connected.<sup>15,16</sup>**

- Easily share your internet connection with devices or colleagues to get productive fast.<sup>15</sup>

# HP EliteOne 800 G1 54,61 cm (21.5") Non-Touch All-in-One PC Specifications Table



<b>Form Factor</b>	All-in-one
<b>Available Operating System</b>	Windows 10 Pro 64 <sup>1</sup> Windows 10 Home 64 <sup>1</sup> Windows 8.1 Pro 64 Windows 8.1 64 Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) <sup>2</sup> Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro) <sup>2</sup> Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro) <sup>3</sup> Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro) <sup>3</sup> Windows 7 Professional 64 <sup>1</sup> Windows 7 Professional 32 <sup>1</sup> SUSE Linux Enterprise Desktop 11 FreeDOS 2.0
<b>Available Processors<sup>4</sup></b>	Intel® Core™ i7-4790S with Intel HD Graphics 4600 (3.2 GHz, 8 MB cache, 4 cores); Intel® Core™ i7-4770S with Intel HD Graphics 4600 (3.1 GHz, 8 MB cache, 4 cores); Intel® Core™ i5-4690S with Intel HD Graphics 4600 (3.2 GHz, 6 MB cache, 4 cores); Intel® Core™ i5-4670S with Intel HD Graphics 4600 (3.1 GHz, 6 MB cache, 4 cores); Intel® Core™ i5-4590S with Intel HD Graphics 4600 (3 GHz, 6 MB cache, 4 cores); Intel® Core™ i5-4570S with Intel HD Graphics 4600 (2.9 GHz, 6 MB cache, 4 cores); Intel® Core™ i3-4360 with Intel HD Graphics 4600 (3.7 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4350 with Intel HD Graphics 4600 (3.6 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4340 with Intel HD Graphics 4600 (3.6 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4330 with Intel HD Graphics 4600 (3.5 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4150 with Intel HD Graphics 4400 (3.5 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-4130 with Intel HD Graphics 4400 (3.4 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3450 with Intel HD Graphics (3.4 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3440 with Intel HD Graphics (3.3 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3430 with Intel HD Graphics (3.3 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3420 with Intel HD Graphics (3.2 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3250 with Intel HD Graphics (3.2 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3240 with Intel HD Graphics (3.1 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3220 with Intel HD Graphics (3 GHz, 3 MB cache, 2 cores); Intel® Celeron® G1840 with Intel HD Graphics (2.8 GHz, 2 MB cache, 2 cores)
<b>Chipset</b>	Intel® Q87
<b>Maximum Memory</b>	Up to 16 GB DDR3-1600 SDRAM <sup>5</sup>
<b>Memory slots</b>	2 SODIMM
<b>Internal Storage</b>	320 GB up to 2 TB SATA (7200 rpm) <sup>6</sup> 120 GB up to 160 GB SATA SSD <sup>6</sup> 120 GB up to 256 GB SATA SE SSD <sup>6</sup> up to 500 GB SATA SED <sup>6</sup> 500 GB up to 1 TB SATA SSHD <sup>6</sup>
<b>Optical Storage</b>	Slim Tray-load DVD-ROM; Slim Tray-load SuperMulti DVD writer; Slim Tray-load SATA BDXL Blu-ray writer <sup>7,8</sup>
<b>Display</b>	54,61 cm (21.5") diagonal IPS non-touch widescreen backlight anti-glare LCD (1920 x 1080)
<b>Available Graphics</b>	Intel HD Graphics 4600; Intel HD Graphics 4400; Intel HD Graphics <sup>12,13</sup> (Integrated graphics will depend on processor)
<b>Audio</b>	DTS Studio Sound audio management technology, Realtek ALC3228 (16-bit and 24-bit PCM), high-performance integrated stereo speakers, volume control and mute buttons, stereo headphone jack, microphone in, stereo line-out, dual-microphone array (optional)
<b>Communications</b>	Integrated Intel I217LM GbE network connection; Intel 802.11a/b/g/n wireless 6205 PCIe mini card (optional); Intel 802.11a/b/g/n wireless 7260 PCIe mini card (optional); HP 802.11a/b/g/n wireless PCIe minicard with Bluetooth combo; Intel 802.11a/b/g/n 7260 wireless mini card with Bluetooth® combo (optional); HP Module with NXP NFC Controller with Embedded Secure Element, PN650 (optional) <sup>9,10,11</sup>
<b>Expansion Slots</b>	1 mini PCIe; 1 mSATA; 1 mini PCIe media card reader (optional) <sup>9</sup>
<b>Ports and Connectors</b>	3 USB 3.0; 1 USB 3.0 (charging); 2 USB 2.0; 2 PS/2; 1 microphone in; 1 audio headphone jack; 1 serial (optional); 1 audio line out; 1 power connector; 1 RJ-45; 1 DisplayPort
<b>Internal Drive Bays</b>	One 3.25" or two 2.5"
<b>External Drive Bays</b>	One 5.25"
<b>Webcam</b>	2 MP (select models) <sup>9</sup>
<b>Available Software</b>	Bing search; Box; Computrace (status tracing); CyberLink Power DVD, BD; CyberLink Power2Go (secure burn); Device access manager; Drive encryption; File Sanitizer; Foxit PhantomPDF Express; HP Client Security; HP Disk Sanitizer, External Edition; HP ePrint driver; HP PageLift; HP Recovery Disk Creator; HP Recovery Manager; HP Support Assistant; HP Wireless Hotspot; Microsoft Defender; Microsoft Security Essentials; HP Secure Erase <sup>14,15,16,17,18,19,20,21,22,23</sup>
<b>Security Management</b>	Common Criteria Certified (Infineon TPM SLB9656TT1.2- 4.32 FW); HP Keyed Cable Lock (optional); Intrusion detector; Lockable access panel; Lockable I/O security cover; Security screw; Support for 3M Privacy Screen (third-party option); Support for Nobel Locking Plate (third-party option); USB port disable (through BIOS); Wall/arm/cart mountable via VESA bracket <sup>24,25</sup>
<b>Management Features</b>	Intel® vPro™ Technology (select models); Intel Standard Manageability (select models)
<b>Power</b>	180 W, up to 93% efficient, active PFC
<b>Dimensions</b>	52.19 x 6.5 x 36.74 cm (Without stand)
<b>Weight</b>	6.63 kg (Exact weight depends on configuration)
<b>Environmental</b>	Low halogen
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified configurations available
<b>Warranty</b>	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)

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**HP 8-GB PC3-12800  
(DDR3-1600 MHz) SODIMM  
Memory**



Maximize your business PC performance with HP Memory. Upgrading your memory is a cost-effective way to boost your system performance without having to upgrade your processor.

**Product number: B4U40AA**

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**HP Dual Output USB  
Graphics Adapter**



Increase screen real estate and productivity with a dual-monitor setup with the HP Dual Output USB Graphics Adapter, featuring DVI-I and DisplayPort outputs to drive displays at high resolutions through a single USB 3.0 B connection to your PC.

**Product number: C5U89AA**

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**Intel Pro 1500 180GB SATA  
SED Opal1 Solid State Drive**



Accelerate business storage with the solid performance, enhanced security, and remote management capabilities of the Intel Pro 1500 180 GB SATA SED Opal 1 Solid State Drive.<sup>1</sup>

**Product number: G4M04AA**

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**HP Slim 8X SATA SuperMulti  
Black Drive**



Now you can store up to 8.5 GB of your data or record up to 4 hours of DVD-quality video on dual-layer DVD±R media with the HP Slim SuperMulti DVD Writer Drive.

**Product number: QS209AA**

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**HP Wireless Keyboard and  
Mouse**



The HP Wireless Keyboard and Mouse places advanced functionality and ease of operation at your fingertips. Stop hiding wires and regain a clutter-free work space with a cordless keyboard, cordless laser mouse and USB wireless receiver in a single package – built with the environment in mind.

**Product number: QY449AA**

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**4-year Next Business Day  
Onsite**

Receive 4 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely

**Product number: U7897E**



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**Learn more at**  
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## Messaging Footnotes

<sup>1</sup>Wall mounting hardware and optional stands sold separately.

<sup>2</sup>Internet access required.

<sup>3</sup>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.

<sup>4</sup>Requires a compatible Intel® Core processor, enabled chipset, Intel® Rapid Storage technology software and non-SED HDD + optional mSATA SSD flash cache module. Intel® Smart Response Technology is only available on select 2013 HP systems. Depending on system configuration, results may vary.

<sup>5</sup>"Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays," Koala LLC Ergonomics Consulting, November 6, 2012.

<sup>6</sup>Support for external displays as a standard feature through integrated processor-based graphics is dependent upon the particular PC platform/form factor; the actual number of displays supported will vary. An optional discrete graphics solution will be required for the support of additional displays. Additional cables required.

<sup>7</sup>Requires an Internet connection to HP web-enabled printer and HP ePrint account registration see [www.hp.com/eprint](http://www.hp.com/eprint).

<sup>8</sup>Requires Microsoft Windows 8 or Windows 8.1.

<sup>9</sup>Requires Windows.

<sup>10</sup>Some functionality of this technology, 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. Microsoft Windows required.

## Technical specifications disclaimers

<sup>1</sup>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>

<sup>2</sup>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.

<sup>3</sup>This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 8.1 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. Optional accessories sold separately.

<sup>4</sup>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 on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

<sup>5</sup>Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.

<sup>6</sup>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 30 GB (for Windows 8.1 and 10) of system disk is reserved for system recovery software.

<sup>7</sup>Optical drives are optional or add on features. 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.

<sup>8</sup>Optical drives are optional or add on features. 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.

<sup>9</sup>Optional or add-on feature.

<sup>10</sup>Gigabit ethernet speeds may vary.

<sup>11</sup>802.11 requires wireless access point and internet service. Availability of public wireless access points limited.

<sup>12</sup>HD content required to view HD images.

<sup>13</sup>Integrated Intel HD graphics uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs.

<sup>14</sup>BIOS Absolute Persistence module is shipped turned off, and will be activated when customers purchase and activate a subscription. Service may be limited. Check with Absolute for availability outside the U.S. The optional subscription service of Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. If Data Delete is utilized, the Recovery Guarantee payment is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either create a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

<sup>15</sup>Drive Encryption requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access.

<sup>16</sup>HP Support Assistant requires Windows 7 or later edition and internet access.

<sup>17</sup>HP Disk Sanitizer available via download. For the use cases outlined in the D.O.D 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled. With Windows 8.1, user must turn off Enhanced Protection Mode in IE11 for shred on browser close feature.

<sup>18</sup>HP File Sanitizer available via download. For the use cases outlined in the D.O.D 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled. With Windows 8.1, user must turn off Enhanced Protection Mode in IE11 for shred on browser close feature.

<sup>19</sup>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/eprint](http://www.hp.com/eprint)).

<sup>20</sup>HP PageLift requires Windows 7 or higher edition.

<sup>21</sup>HP Wireless Hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your service provider for plan details. Requires Windows 8.1 or HP Connection Manager for Windows 7.

<sup>22</sup>Support Assistant requires internet access.

<sup>23</sup>CyberLink Power2Go (Secure Burn) is intended for your original content and other lawful uses.

<sup>24</sup>The HP Keyed Cable lock is an optional or add-on feature.

<sup>25</sup>Mounting hardware sold separately.

<sup>26</sup>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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