HP EliteDesk 800 G2 Small Form Factor PC

Experience top-notch productivity plus industry-leading reliability, security, and manageability, plus a unique portfolio of solutions in a compact, space-saving design with the powerful HP EliteDesk 800 SFF.

- Windows 10 Pro
- 6th Gen Intel® Core™ Processors

Designed for every demand
Blast through your most demanding challenges with the uncompromising performance of 6th Gen Intel® Core™ processors, Intel® HD 530 Graphics, and optional high-end discrete graphics and HP Turbo Drive.

Seriously secure
Help protect your PC and maintain maximum uptime with a suite of solutions that help stop security breaches, including HP BIOSphere with SureStart.

Make durability a reality
Get the reassurance of a PC that goes through 120,000 hours of HP Total Test Process and is designed to pass MIL-STD testing. Add an optional Dust Management Solution for enhanced reliability in dusty environments.

Expand with ease
Extend the life of your investment with a tool-less chassis and a range of expansion slots, bays, ports, and connectors for the most demanding business needs.

Featuring
- Help secure the future of your modern business. Modern PCs from HP make the most of Windows 10 Pro to help protect you from today’s security threats and maximize management and productivity features for business.
- Enjoy easy world-class manageability with integrated solutions that include Intel® vPro™ and Windows 10 Pro plus HP Common Core BIOS, which enables easy management of your entire fleet of HP devices.
- Simplify IT rollouts and stagger deployments with an 18-month lifecycle and global availability in more than 180 countries where HP conducts business.
- Make conferencing from your PC as simple as the touch of a button with the optional HP Conferencing Keyboard and HP Wired Headset.
- Keep everything in plain sight and be up to 35% more productive with support for up to three external HP EliteDisplays.
- Support your environmental initiatives with energy-efficient PCs that are ENERGY STAR® certified and EPEAT® Gold registered.
- Increase storage and performance with an optional powerful HP Turbo Drive that handles your growing and complex workloads.
# HP EliteDesk 800 G2 Small Form Factor PC Specifications Table

<table>
<thead>
<tr>
<th><strong>Form Factor</strong></th>
<th>Small Form Factor</th>
</tr>
</thead>
</table>
| **Available Operating System** | Windows 10 Pro 64 \(^1\)  
Windows 10 Home 64 \(^1\)  
Windows 8.1 Pro 64 \(^1\)  
Windows 8.1 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 7 Professional 64 \(^1\)  
Windows 7 Professional 32 \(^1\)  
FreeDOS 2.0 |
| **Available Processors** | 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® Pentium® G4500 with Intel HD Graphics 530 (3.5 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4400 with Intel HD Graphics 530 (3.3 GHz, 3 MB cache, 2 cores) |
| **Chipset** | Intel® Q170 |
| **Maximum Memory** | 64 GB DDR4-2133 SDRAM  
(Transfer rates up to 2133 MT/s) |
| **Memory Slots** | 4 DIMM |
| **Internal Storage** | 120 GB up to 500 GB SATA SSD \(^4\)  
500 GB up to 1 TB SATA SSD \(^4\)  
128 GB up to 512 GB Turbo Drive G2 (M.2 PCIe SSD) \(^4\)  
128 GB up to 256 GB Turbo Drive (M.2 PCIe SSD) \(^4\)  
500 GB 2 TB SATA (7200 rpm) \(^4\)  
128 GB 256 GB SATA 3D SSD \(^4\) |
| **Optical Drive** | Slim SATA BDXL Blu-ray writer; Slim SATA SuperMulti DVD-RW; Slim SATA DVD-ROM \(^5,6\) |
| **Available Graphics** | Integrated: Intel® HD Graphics\(^a\)  
Discrete: NVIDIA® GeForce® GT 730 (2 GB)  
(Integrated graphics will depend on processor) |
| **Audio** | DTS Studio Sound™ audio management technology, HD audio with Realtek ALC221 codec, microphone and headphone front ports (3.5 mm), line-out and line-in rear ports (3.5 mm), multi-streaming capable, internal speaker (standard) |
| **Communications** | Intel® I219LM Gigabit Network Connection LOM; Intel® I210-T1 PCIe GbE (optional);  
WLAN: Broadcom BCM943228Z 802.11n Wireless PCIe with optional Bluetooth® (optional); Intel® 7265 802.11ac Wireless PCIe with Bluetooth® (optional); Intel® 7265 802.11ac Wireless PCIe with optional Bluetooth® (optional) \(^7\) |
| **Expansion Slots** | 1 PCIe x16; 1 PCIe x4 (x16); 2 PCIe x1 |
| **Ports and Connectors** | Front: 2 USB 3.0; 2 USB 2.0 (1 fast charging); 1 audio line in; 1 audio line out  
Back: 6 USB 3.0; 1 serial; 1 serial (optional); 1 parallel (optional); 2 PS/2 (keyboard and mouse); 1 VGA; 2 DisplayPort; 1 audio line in; 1 audio line out; 1 RJ-45 |
| **Internal Drive Bays** | Two 3.5; One 2.5 |
| **External Drive Bays** | One slim ODD; One SD 4 reader (optional) |
| **Available Software** | HP business PCs are shipped with a variety of software titles including: HP Drive Encryption (FIPS 140-2), HP Client Security, HP Security Manager, Microsoft Security Essentials, CyberLink Power 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
HP BIOSphere with Sure Start; Trusted Platform Module (TPM) 1.2/2.0 (Common Criteria EAL4+ certified); 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); HP Solenoid Hood Lock/Sensor; Support for chassis padlocks and cable lock devices

## Management Features
Intel® vPro™

## Power
200 W, up to 92% efficient, active PFC

## Dimensions
6.7 x 16.7 x 15.3 in
170 x 425 x 389 mm

## Weight
Starting at 15.4 lb
Starting at 6.9 kg
(Exact weight depends on configuration)

## Environmental
Low halogen

## Energy Efficiency Compliance
ENERGY STAR® certified and EPEAT® Gold registered configurations available

## Warranty
Protected by HP Services, including a 3-year parts, 3 years labor, and 3 years onsite service (3/3/3) limited warranty. Terms and conditions vary by country; Certain restrictions and exclusions apply.
## HP EliteDesk 800 G2 Small Form Factor PC

### Accessories and services (not included)

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HP Conferencing Keyboard</strong></td>
<td>Drive your Microsoft Lync voice and video calls directly from your HP Conferencing Keyboard and connect, disconnect, and manage your calls and videoconferencing settings with simple dedicated keys. Product number: K8P74AA</td>
</tr>
<tr>
<td><strong>NVIDIA GeForce GT730 GFX (2GB) PCIe x8 Graphics Card</strong></td>
<td>Get impressive graphics and high resolution quad-display performance from the NVIDIA® GeForce® GT 730 Graphics Card. Product number: N3R90AA</td>
</tr>
<tr>
<td><strong>HP Business PC Security Lock v2 Kit</strong></td>
<td>Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the HP Business PC Security Lock v2 Kit. Product number: N3R93AA</td>
</tr>
<tr>
<td><strong>HP Turbo Drive 256 GB PCIe Solid State Drive</strong></td>
<td>Reduce boot up, calculation, and graphics response times and revolutionize how your HP Business Desktop handles large files with the HP Turbo Drive 256 GB PCIe Solid State Drive, a remarkably affordable and innovative storage solution. Product number: N3S12AA</td>
</tr>
<tr>
<td><strong>HP TLC 256 GB SATA SSD</strong></td>
<td>Expand the storage capabilities of your desktop with the HP TLC 256 GB SATA SSD, which includes TLC flash and the same reliability you already get from current from SSD drives. Product number: P1N68AA</td>
</tr>
</tbody>
</table>
Datasheet | HP EliteDesk 800 G2 Small Form Factor PC

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.microsoft.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 is not a measurement of higher performance.

3 Sold separately or available as a configurable option.

4 HP-BiOSphere features may vary depending on the PC platform & configuration.

5 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.

6 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.

7 Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays,” Koala LLC Ergonomics Consulting, November 6, 2012.

8 EPEAT® Gold registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

9 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). HP-ePrint requires Windows 7 or higher.

10 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 un_install 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.


12 EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

13 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). HP-ePrint requires Windows 7 or higher.

14 Microsoft Security Essentials requires Windows 7 and Internet access.

15 EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

16 External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

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.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 un/install 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. 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.

4 Sold separately or available as a configurable option.

5 HP-BiOSphere features may vary depending on the PC platform & configuration.

6 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.

7 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.

8 Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays,” Koala LLC Ergonomics Consulting, November 6, 2012.

9 EPEAT® Gold registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

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). HP-ePrint requires Windows 7 or higher.


12 EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

13 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). HP-ePrint requires Windows 7 or higher.

14 Microsoft Security Essentials requires Windows 7 and Internet access.

15 EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

16 External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

The product could differ from the images shown. © 2015 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. Specific features may vary from model to model. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. Bluetooth is a trademark of its proprietor used by Hewlett-Packard Company under license. Microsoft and Windows are U.S. trademarks of the Microsoft group of companies. Intel and Core are trademarks of Intel Corporation in the U.S. and other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. For DTS patents, see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, & DTS and the Symbol together are registered trademarks, and DTS Studio Sound is a trademark of DTS, Inc. © DTS, Inc. All Rights Reserved. All other trademarks are the property of their respective owners.