Datasheet

HP EliteDesk 800 35W/65W G3 Desktop Mini PC

Powered for the enterprise, the ultra-small HP EliteDesk 800 Desktop Mini is one of HP’s most secure and manageable PCs. The ultra-small HP EliteDesk 800 Desktop Mini features the performance required by today’s workforce and a stylishly redesigned chassis for the modern workplace.

HP recommends Windows 10 Pro.

Surprisingly small, stunningly powerful
The HP EliteDesk 800 Desktop Mini is HP’s smallest and most powerful business-class desktop. Drive performance with 7th Gen Intel® Core™ processors, optional Intel® Optane™, optional 65W processor, up to 32 GB of DDR4 memory, and HP Turbo Drive G2.

Simple mounting solutions
Easily deploy your Mini behind any Elite Display for a near zero footprint solution. Mount and secure it almost anywhere with HP full ecosystem of DM accessories.

Strong security, powerful manageability
Get powerful protection and simplified management from HP’s most secure and manageable PCs. HP Sure Start Gen3 protects against BIOS attacks while the HP Manageability Integration Kit allows you to easily manage devices through Microsoft System Center Configuration Manager.

Configurable I/O Port for displays
Configure a rear I/O port for customizable display connections with your choice of VGA, DisplayPort™, HDMI or Serial USB-Type C™ with DisplayPort™.

- Power through your day with Windows 10 Pro and the powerful HP EliteDesk 800 Desktop Mini with built-in security, collaboration, and connectivity.
- 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.
- Keep data out of reach and defend against theft, attacks, and unauthorized users with HP Client Security Suite Gen3.
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant.
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- HP WorkWise is office intelligence rolled into one smartphone app to provide PC security, real-time PC performance information, and simplified printer driver installation for HP PC users.
- 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 is designed to pass HP Total Test Process and MIL-STD 810G testing.
- Take advantage of HP’s Elite Support, limited warranty, and Global Series support that enables stable, consistent images with managed lifecycle transitions for corporate and enterprise customers.
- Simplify technical support with Helpdesk by HP Care. Rely on cost-effective expertise that’s available 24x7, covering multiple brands, devices and operating systems.
- Help maximize your cash flow with the use of best-in-class hardware and services for a monthly subscription that allow you to replace your PC with a brand new one every two or three years.
- HP helps you preserve your time and optimize your resources with expert configuration and deployment services that bring you fast, accurate, and globally standardized IT solutions.
### HP EliteDesk 800 35W/65W G3 Desktop Mini PC Specifications Table

**Form Factor**  
Mini

**Available Operating System**  
- Windows 10 Pro 64
- Windows 10 Home 64
- Windows 10 Pro 64 (National Academic License)
- Windows 10 Home Single Language 64
- Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro)
- FreeDOS 2.0
- Neokylin Linux 64

**Available Processors**  
- 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™ i5-6500T with Intel HD Graphics 530 (2.5 GHz, up to 3.1 GHz with Intel Turbo Boost, 8 MB cache, 4 cores)
- 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™ i7-6700T with Intel HD Graphics 530 (3.7 GHz, 3 MB cache, 2 cores)
- Intel® Core™ i3-6100 with Intel HD Graphics 530 (3.7 GHz, 3 MB cache, 2 cores)
- Intel® Core™ i3-6100T with Intel HD Graphics 530 (3.2 GHz, 3 MB cache, 2 cores)
- 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® Pentium® G4560T with Intel HD Graphics 610 (2.9 GHz, 3 MB cache, 2 cores)
- Intel® Pentium® G4600T with Intel HD Graphics 630 (3 GHz, 3 MB cache, 2 cores)
- Intel® Celeron™ G3930 with Intel HD Graphics 610 (2.9 GHz, 3 MB cache, 2 cores)
- Intel® Core™ i7-7700T with Intel HD Graphics 630 (2.9 GHz, up to 3.8 GHz with Intel Turbo Boost, 8 MB cache, 4 cores)
- Intel® Core™ i5-7500T with Intel HD Graphics 630 (2.7 GHz, up to 3.3 GHz with Intel Turbo Boost, 6 MB cache, 4 cores)
- Intel® Core™ i5-7600T with Intel HD Graphics 630 (2.8 GHz, up to 3.7 GHz with Intel Turbo Boost, 6 MB cache, 4 cores)
- Intel® Core™ i3-7100T with Intel HD Graphics 630 (3.4 GHz, 3 MB cache, 2 cores)
- Intel® Core™ i3-7300T with Intel HD Graphics 630 (3.5 GHz, 3 MB cache, 2 cores)
- Intel® Pentium® G4560T with Intel HD Graphics 610 (2.9 GHz, 3 MB cache, 2 cores)
- Intel® Pentium® G4600T with Intel HD Graphics 630 (2.7 GHz, 2 MB cache, 2 cores)

**Chipset**  
Intel® Q270

**Maximum Memory**  
32 GB DDR4-2400 SDRAM

**Memory Slots**  
2 SODIMM

**Internal Storage**  
- 500 GB up to 1 TB SATA (7200 rpm)
- 500 GB up to 1 TB SATA SSD (5400 rpm)
- 256 GB up to 512 GB SATA SSD
- 256 GB up to 1 TB HP Turbo Drive G2 TLC SSD (PCle)
- 128 GB up to 512 GB SATA SSD

**Optical Drive**  
HP Optical Drive (optional)

**Available 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™

**Expansion Slots**  
1 M.2 2230 for optional wireless NIC; 1 M.2 2280 for storage drives

**Ports and Connectors**  
Front: 1 USB 3.1 Type-C™ (charging); 1 USB 3.1 Gen 1; 1 USB 3.1 Gen 1 (charging); 1 Headphone connector
Back: 1 security lock slot; 1 external antenna connector; 2 DisplayPort™; 4 USB 3.1 Gen 1; 1 RJ-45; 1 power connector
Optional: 1 DisplayPort™; 1 HDMI; 1 VGA; 1 serial; 1 USB 3.1 Type-C™

**Internal Drive Bays**  
One 2.5” HDD

**Available Software**  
HP business PCs are shipped with a variety of software titles including: HP BIOSphere Gen3 with SureStart G3, CyberLink Power Media Player, Native Mirascast Support, HP ePrint Driver, HP Support Assistant. Please refer to this product’s quick spec document for a full list of preinstalled software.

**Security Management**  
Trusted Platform Module TPM 2.0, Embedded Security Chip (ESLBP670 - 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); Support for chassis padlocks and cable lock devices; Integrated hood sensor
<table>
<thead>
<tr>
<th><strong>Management Features</strong></th>
<th>Intel® vPro™ standard (Core i5 and Core i7)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power</strong></td>
<td>65 W 89% efficient</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>6.97 x 1.35 x 6.88 in</td>
</tr>
<tr>
<td></td>
<td>17.7 x 3.42 x 17.5 cm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>2.67 lb</td>
</tr>
<tr>
<td></td>
<td>1.21 kg</td>
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<tr>
<td><strong>Environmental</strong></td>
<td>Low halogen 18</td>
</tr>
<tr>
<td><strong>Energy Efficiency Compliance</strong></td>
<td>ENERGY STAR® certified and EPEAT® registered configurations available 17</td>
</tr>
<tr>
<td>Product Name</td>
<td>Description</td>
</tr>
<tr>
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<tr>
<td>HP Desktop Mini Security/Dual VESA Sleeve</td>
<td>Wrap your HP Desktop Mini PC in the HP Desktop Mini Security/Dual VESA Sleeve to securely mount your PC behind your display, position your solution on a wall, and lock it down with the optional HP Ultra-Slim Cable Lock. Product number: G1K22AT</td>
</tr>
<tr>
<td>HP Desktop Mini DVD ODD Module</td>
<td>Add a DVD Writer to your HP Desktop Mini PC with HP Desktop Mini DVD Writer ODD Module. Product number: K9Q83AT</td>
</tr>
<tr>
<td>HP PC Mounting Bracket for Monitors</td>
<td>Customize an altogether better solution with the HP PC Mounting Bracket for Monitors, which lets you attach your HP Desktop Mini, HP Chromebox, or select HP Thin Client directly behind select HP Z Displays and EliteDisplays. Product number: N6N00AT</td>
</tr>
<tr>
<td>HP Desktop Mini LockBox</td>
<td>Fortify your HP Desktop Mini in a range of settings with the HP Desktop Mini LockBox, HP’s most secure enclosure for your PC, power brick, and cable connections. Product number: P1N78AT</td>
</tr>
<tr>
<td>HP EliteDisplay E240 23.8-inch Monitor</td>
<td>Power through your work day with the Elite-class performance, Full HD image presentation, and Elite-class ergonomic adjustability of the HP EliteDisplay E240 23.8-inch Monitor. Product number: M1N99A8</td>
</tr>
</tbody>
</table>
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HP recommends Windows 10 Pro.

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.
2. 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.
3. Some third-party performance data reflects preliminary testing in specific computer configurations, and actual results may vary in users’ systems.
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.
5. Intel® Core™ i7/i5/i3 processors, Intel® integrated graphics, and Intel® WLAN.
6. 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.
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.
9. HP WorkWise smartphone app will soon be available as a free download on the App Store and Google Play.
10. HP-qualified accessories, sold separately or as an optional feature. For a list of eligible accessories, visit www.hp.com/go/previouslyowned.
11. 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.
12. HP WorkWise smartphone app and HP wireless accessories require the Windows 10 Pro operating system and an Internet connection.
14. Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.
15. 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.
16. Intel® HD Graphics 530: integrated on 6th gen Core™ i7/i5/i3 processors and Pentium® G4620, 4600, 4600T
17. Intel® HD Graphics 630: integrated on 7th gen Core™ i7/i5/i3 processors and Pentium® G4560, G4560T, Celeron™ G3950, G3930, G3930T
19. Sold separately or as an optional feature.
20. HP BIOSphere with Sure Start available only on business PCs with HP BIOS. HP BIOSphere Gen 3 requires Intel® 7th generation processors.
21. 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.
22. 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).
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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.
2. 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.
3. Intel® HD Graphics 630: integrated on 7th gen Core™ i7/i5/i3 processors and Pentium® G4560, G4560T, Celeron™ G3950, G3930, G3930T
5. Sold separately or as an optional feature.
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.
9. Wireless cards are optional or add-on features and require 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 630: integrated on 7th gen Core™ i7/i5/i3 processors and Pentium® G4620, 4600, 4600T
12. Sold separately or as an optional feature.
13. HP BIOSphere with Sure Start available only on business PCs with HP BIOS. HP BIOSphere Gen 3 requires Intel® 7th generation processors.
14. 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.
15. 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).
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