

Datasheet

HP EliteDesk 800 65W G3 Desktop Mini PC



Security, manageability, and performance in a modern design

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.

- Windows 10 Pro¹
- HP Sure Start Gen3²

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™ processors⁴, optional Intel® Optane™⁵, optional 65W processor⁵, up to 32 GB of DDR4 memory⁵, and HP Turbo Drive G2⁵.

Simple mounting solutions

- Easily deploy your Mini behind any Elite Display⁵ for a near zero footprint solution. Mount and secure it almost anywhere with HP full ecosystem of DM accessories⁵.

Strong security, powerful manageability

- Get powerful protection and simplified management from HP's most secure and manageable PCs. HP Sure Start Gen3² protects against BIOS attacks while the HP Manageability Integration Kit⁶ 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™.

Featuring

- Power through your day with Windows 10 Pro and the powerful HP EliteDesk 800 Desktop Mini 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.²
- Keep data out of reach and defend against theft, attacks, and unauthorized users with HP Client Security Suite Gen3.⁷
- 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.⁶
- 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.

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Specifications Table



Form Factor	Mini
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 Processors ^{4,20}	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 2 TB 2.5" SATA HDD ⁷ 500 GB up to 1 TB 2.5" SATA SSHD (5400 rpm) ⁷ 256 GB up to 512 GB 2.5" SATA SED ⁷ 256 GB up to 1 TB HP Turbo Drive G2 TLC SSD (PCIe) ⁷ 128 GB up to 512 GB 2.5" SATA SSD ⁷
Optical Storage	DVD-Writer (optional)
Available Graphics	Integrated: Intel® HD Graphics 530; Intel® HD Graphics 630; Intel® HD Graphics 610 ^{10,11,12,21}
Audio	Conexant CX20632 codec, internal speaker, combo microphone/headphone jack, line-in and line-out rear ports (3.5 mm)
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™ ^{9,19}
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; Universal audio jack with CTIA headset support ²⁴ Back: 1 external antenna connector; 4 USB 3.1 Gen 1; 1 RJ-45; 1 power connector; 2 DisplayPort™ 1.2 ²⁴ Optional: 1 DisplayPort™; 1 HDMI; 1 VGA; 1 serial; 1 USB 3.1 Type-C™ (DisplayPort™ alternate mode or 15 W output) ⁸
Internal Drive Bays	One 6.35 cm (2.5")
Input Device	HP USB Conferencing Keyboard; HP USB Smart Card (CCID) Keyboard; HP USB Business Slim Keyboard; HP PS/2 Business Slim Keyboard; HP USB Grey Business Slim Keyboard ¹³ HP PS/2 Mouse; HP USB 1000 dpi Laser Mouse; HP Grey V2 Mouse; HP USB Optical Mouse; HP USB Hardened Mouse ¹³
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 ^{14,15,23}
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); Support for chassis padlocks and cable lock devices; Integrated hood sensor
Management Features	HP Client Catalog; HP Driver Packs; LANDESK Management; HP SoftPaq Download Manager (SDM); HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Image Assistant; HP MIK for Microsoft SCCM ^{16,22}
Power	65 W 89% efficient
Dimensions	17.7 x 3.42 x 17.5 cm (Dimensions are WxDxH with product in horizontal orientation)
Weight	1.21 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 Desktop Mini Rack Mount Tray Kit Module



Put your HP Desktop Mini PCs to work behind the scenes with HP Desktop Mini Rack Mount Tray Kit Modules, which holds up to eight PCs and fit into the HP 100kg Sliding Shelf.¹

Product number: G1K21AA

HP Desktop Mini Chassis Tower Stand



Keep it vertical. Make the most of space-constrained environments by deploying your HP Desktop Mini in a vertical orientation with the HP Desktop Mini Chassis Tower Stand.

Product number: G1K23AA

HP Integrated Work Center for Desktop Mini and Thin Client



Make the most of small work spaces with an HP IWC Desktop Mini/Thin Client that lets you create a compact desktop solution by combining a display¹ with an HP Desktop Mini, HP Thin Client or HP Chromebox¹ and giving you convenient front access to all of its inputs.

Product number: G1V61AA

HP Desktop Mini 500GB Hard Drive I/O Module



Add an extra hard drive to your HP Desktop Mini PC and enable compatibility with your existing and legacy peripherals with the HP Desktop Mini 500GB HDD/I/O Module.

Product number: K9Q82AA

HP Desktop Mini DVD ODD Module



Add a DVD Writer to your HP Desktop Mini PC with HP Desktop Mini DVD Writer ODD Module.¹

Product number: K9Q83AA

HP Desktop Mini I/O Module



Keep working with your existing peripherals and add legacy ports to your HP Desktop Mini PC with the HP Desktop Mini I/O Module.

Product number: K9Q84AA

HP 3 year Next Business Day Onsite Hardware Support for Notebooks



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 EliteBook products equipped with Intel® 7th generation processors.

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 Manageability Integration Kit is planned to be available first quarter 2017 and can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.

⁷ HP Client Security Suite Gen3 requires Windows and Intel® 7th Gen processors.

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.

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 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). Requires optional broadband module. Print times and connection speeds may vary.

¹⁶ HP MIK is not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>

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.

²⁰ NOTE: Your product does not support Windows 8 or Windows 7. 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>.

²¹ Supported resolutions: 640 x 480; 720 x 400; 720 x 480; 720 x 576; 800 x 600; 1024 x 768; 1152 x 864; 1280 x 720; 1280 x 768; 1280 x 800; 1280 x 960; 1280 x 1024; 1366 x 768; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 1600 x 1200; 1920 x 1440; 2048 x 1536; 2560 x 1440; 2560 x 1600; 3440x1440; 3840 x 2160; 4096 x 2160

²² LANdesk subscription required.

²³ 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.

²⁴ USB 3.1 Gen 1: 5 Gbit/s data speed.

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