

HP EliteDesk 800 G1 Desktop Mini PC



The desktop has evolved. Packed with integrated enterprise-class performance, security and manageability features, this is HP's smallest business desktop yet. Efficiently crafted, the HP Desktop Mini will fit almost any work space.



Windows 10 Pro or other operating systems available

Big power. Space saving design.

Smaller than some desk phones, this Desktop Mini can fit almost anywhere vertically or horizontally. The clean, easily serviceable design with integrated wireless antenna allows flexible deployment options¹ to help optimize the workspace.

Be up to 35% more productive² by adding up to three independent displays³ using the integrated DisplayPort with Multi-Stream video outputs.

Set up the HP EliteDesk 800 G1 Desktop Mini in almost any spot or easily attach to several optional peripheral devices using the integrated VESA mount.

The HP EliteDesk 800 G1 Desktop Mini is designed to undergo MIL-STD 810G tests.⁴ Prior to that HP performed 115,000 hours of our own testing and end-to-end diagnostics to help ensure you get confidence built right in. Easily service the HP EliteDesk 800 G1 Desktop Mini. A single thumb screw provides fast access to clearly identifiable and serviceable components.

Full EliteDesk functionality.

Keep productivity high and downtime low with HP BIOSphere firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks. Enjoy customization that allows your PC to evolve with your business.⁵

Take advantage of new drive technology with an optional M.2 PCI3e solid state hard drive module,⁶ the internal 2.5" SSD, or dual drive configurations for more local storage.

Power through your day with speed and performance. Get the latest in processing technology with your choice of 4th generation Intel® Core™ processors⁵ with optional Intel® vPro⁷ technology.

Enjoy easy and simple integration into your IT environment and ongoing maintenance with HP Client Management Solutions⁸ such as optional LANDesk.⁹

Help reduce the burden on IT with long life cycles, stable images and drivers along with HP's business services and support programs.

Heavy security, exceptionally managed.

HP BIOSphere boosts security and keeps mission-critical data and systems under lock and key with customizable authentication and BIOS-level passwords.⁵

HP Secure Erase.¹⁰ Removes the contents of a hard drive for repurposing or reassignment.

Get extra protection with secured storage and ensured platform integrity thanks to the Trusted Platform Module security chip used by the BIOS and the Operating System.

Keep sensitive information in safe hands. HP Trust Circles helps protect your data by ensuring that only assigned contacts can access critical files.¹¹

Green with envy.

The low energy consumption levels of this ENERGY STAR® qualified and EPEAT® Gold¹² certified PC supports 24/7 operations. Consuming less than 8W of power at idle your Desktop Mini can be always on and always updated.

Datasheet

HP EliteDesk 800 G1 Desktop Mini PC



Form Factor	Mini
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 (available through downgrade rights from Windows 8.1 Pro) ³ Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro) ³ Windows 7 Professional 64 ¹ Windows 7 Professional 32 ¹ SUSE Linux Enterprise Desktop 11 FreeDOS 2.0
Processor Family	Intel® Core™ i7 processor; Intel® Core™ i5 processor; Intel® Core™ i3 processor; Intel® Pentium® Dual-Core processor; Intel® Celeron® Dual-Core processor ⁴
Processor	Intel® Core™ i7-4785T with Intel HD Graphics 4600 (2.2 GHz, up to 3.2 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i7-4765T with Intel HD Graphics 4600 (2 GHz, up to 3 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-4590T with Intel HD Graphics 4600 (2 GHz, up to 3 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-4570T with Intel HD Graphics 4600 (2.9 GHz, up to 3.6 GHz with Intel Turbo Boost, 4 MB cache, 2 cores); Intel® Core™ i3-4360T with Intel HD Graphics 4600 (3.2 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4350T with Intel HD Graphics 4600 (3.1 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4330T with Intel HD Graphics 4600 (3 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-4160T with Intel HD Graphics 4400 (3.1 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-4150T with Intel HD Graphics 4400 (3 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-4130T with Intel HD Graphics 4400 (2.9 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3440T with Intel HD Graphics (2.8 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3420T with Intel HD Graphics (2.7 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3250T with Intel HD Graphics (2.8 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3240T with Intel HD Graphics (2.7 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3220T with Intel HD Graphics (2.6 GHz, 3 MB cache, 2 cores); Intel® Celeron® G1840T with Intel HD Graphics (2.5 GHz, 2 MB cache, 2 cores); Intel® Celeron® G1820T with Intel HD Graphics (2.4 GHz, 2 MB cache, 2 cores)
Chipset	Intel® Q87 Express
Memory	Up to 16 GB DDR3-1600 SDRAM ⁵ Memory slots: 2 SODIMM
Storage	Internal drive bays One 2.5" External drive bays up to 500 GB, SATA (7200 rpm) ⁶ up to 500 GB, SATA SED (7200 rpm) ⁶ 500 GB, up to 1 TB, SATA SSHD ⁶ 120 GB, up to 256 GB, SATA SE SSD ⁶ up to 128 GB, Turbo Drive (M.2 PCIe SSD) ⁶
Graphics	Intel® HD Graphics ^{8,9} Integrated graphics will depend on processor
Audio	DTS Studio Sound™ audio management technology, HD audio with Realtek ALC221 codec (all ports are stereo), microphone and headphone front ports (3.5 mm), audio line-out rear port (3.5 mm), multi-streaming capable, internal speaker
Communications	Integrated Intel® I217LM GbE; Intel® Wireless-N 7260 802.11 a/b/g/n (optional); Intel® 7260 802.11 a/b/g/n wireless mini card with Bluetooth® combo (optional) ⁷
Expansion Slots	2 M.2 1 M.2 2230 for optional wireless NIC. 1 M.2 2280 for storage drives
Ports and Connectors	Front: 2 USB 3.0; 1 headphone; 1 microphone Back: 4 USB 3.0; 1 VGA; 2 DisplayPort; 1 RJ-45; 1 audio line in; 1 audio line out
Input Devices	HP PS/2 Keyboard; HP USB Keyboard; HP USB Smart Card (CCID) Keyboard; HP USB and PS/2 Washable Keyboard; HP Wireless Keyboard and Mouse combo; HP USB Antimicrobial Keyboard ¹⁰ HP PS/2 Mouse; HP USB Mouse; HP USB 1000 dpi Laser Mouse; HP USB and PS/2 Washable Mouse; HP USB Antimicrobial Mouse ¹⁰
Security	Common Criteria Certified (Infineon TPM SLB9656TT1.2- 4.32 FW); SATA port disablement (via BIOS); Drive lock; Intel Identity Protection Technology (IPT); Serial, parallel, USB enable/disable (via BIOS); USB port disable at factory (optional); Removable media write/boot control; Power-on password (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices ¹⁸
Software (Windows OS only)	HP Client Security; HP Device Access Manager; HP Disk Sanitizer, External Edition; HP Drive Encryption; HP ePrint driver; HP File Sanitizer; HP QuickStart; HP Secure Erase; HP PageLift; HP Recovery Disk Creator; HP Recovery Manager; HP Support Assistant; HP Wireless Hotspot; Adobe® Flash® Player; Bing search; Box; Buy Office; Computrace (status tracing); CyberLink Power DVD, BD; CyberLink Power2Go (secure burn); Foxit PhantomPDF Express; Microsoft Security Essentials ^{11,12,13,14,15,16,17}
Dimensions	17.5 x 17.7 x 3.4 cm
Weight	1.3 kg Configured with 1 hard drive
Operating Humidity Range	10 to 90%RH
Operating Temperature Range	10 to 35°C
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® Gold registered configurations available ²⁰ Low halogen ¹⁹
Power	65 W 87% efficient, active PFC
Warranty	3-year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Includes free 24 x 7 telephone support. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Recommended Accessories and Services

HP Desktop Mini Security/Dual VESA Sleeve



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: G1K22AA

HP ProDisplay Companion Stand



Maximize small work spaces with an affordable HP ProDisplay Companion Stand, which enables you to create a compact desktop solution by combining an HP ProDisplay Monitor head-only with your choice of Desktop Mini platform.

Product number: J7V21AA

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 Super Multi-Writer ODD Module



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

Product number: K9Q83AA

HP 3-year Next business day Onsite Optional Customer Self Repair Desktop/Workstation Only Hardware Service



Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit www.hp.com/go/cpc.

Product number: UE379E

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Footnotes

- ¹ Sold separately or as an optional feature.
- ² "Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays," Koala LLC Ergonomics Consulting, November 6, 2012.
- ³ Support for multiple monitors requires displays that support DisplayPort with multi-stream that can be daisy chained together. Monitors and cables sold separately.
- ⁴ 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.
- ⁵ HP BIOSphere features may vary depending on the PC platform & configuration.
- ⁶ 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.
- ⁷ 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.
- ⁸ HP Client Management Solutions requires Windows.
- ⁹ LANDesk software is sold separately. Managed devices must be connected to the management server. Requires active LANdesk maintenance service. Wipe functionality performs a "Windows 8 Reset" and requires Windows 8. Lock performs a Windows "Lock Computer."
- ¹⁰ For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.
- ¹¹ HP Trust Circles Standard, when included, allows up to 5 Trust Circles with up to 5 contacts in each Trust Circle. Optional Trust Circles Professional required for unrestricted number of Trust Circles and members contacts. Trust Circles Reader is available to allow a contact to participate in an invited Trust Circle. Requires Windows.
- ¹² EPEAT® Gold registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

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 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.
- 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. 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.
- ⁵ 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.
- ⁶ 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 and 10) of system disk is reserved for system recovery software.
- ⁷ Intel Centrino Advanced-N 6205 is an optional or add-on feature and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited.
- ⁸ HD content required to view HD images.
- ⁹ 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.
- ¹⁰ Optional or add-on feature.
- ¹¹ Computrace agent is shipped turned off, and must be activated by customers when they purchase a subscription. Subscriptions can be purchased for terms ranging from one to five years. Service is limited, check with Absolute for availability outside the U.S.
- ¹² 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.
- ¹³ Disk Sanitizer available via download.
- ¹⁴ Secure Erase is for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.
- ¹⁵ ePrint requires an Internet connection to HP web-enabled printer and HP ePrint account registration, see www.hp.com/go/mobileprinting for complete details.
- ¹⁶ HP PageLift requires Windows 7 or higher edition.
- ¹⁷ HP Support Assistant requires Windows 7 or later edition and internet access.
- ¹⁸ Intel® Identity Protect security requires separate Symantec VIP software service subscription and must be activated and configured. Requires a website that uses Symantec VIP Authentication Service. Requires Microsoft® Windows and a system with vPro or any Ultrabook™. Intel® and HP assume no liability for lost or stolen data and/or systems or any other damages resulting therefrom.
- ¹⁹ Low halogen: External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- ²⁰ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

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