

HP EliteDesk 800 G1 Small Form Factor PC



Business demands confidence.
Here's yours.
Designed to perform, impress, and protect—the sleek HP EliteDesk 800 G1 helps you power through to business success while allowing customized deployment.



Windows 10 Pro or other operating systems available

The solution for diverse business demands

The new way to do business. Impress and perform like never before—and meet a variety of business demands—with highly customizable tools, new features and a stylish new design.

Easily share your internet connection with your devices and help colleagues get online fast with HP Wireless Hotspot.¹

Share presentations, videos, and other content—no cables needed. WiDi Intel® Wireless Display lets you connect your EliteDesk to your projectors and displays wirelessly.²

The new, slim removable hard drive lets you secure your most important data when you're away from the office.³

The optional PCI port helps ensure broad compatibility with existing technology investments.⁴

Fast-track your performance

Multitask and move your business forward with the latest Intel processors. Quickly open new files, switch applications, and enjoy less wait time with solid-state drives and solid-state hybrid drive options.⁵

Power through your day with speed and performance. Get the latest in processing technology with your choice of 4th generation Intel® Core™ processors⁶ with vPro⁷ support.

Watch your inbox while working on other tasks. There's plenty of screen room for all of your work with support for multiple displays.⁸

Intel® Smart Response Technology (SRT),⁹ 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.

Make the most of virtual conferencing. Bring work to life through immersive surround sound with deep, rich bass and crystal clear dialog using DTS Studio Sound software.^{10,11}

Heavy security, exceptionally managed

Keep it secure, keep it simple. IT efficiency reigns supreme when it's backed by a full portfolio of HP Client Security¹² and Intel vPro⁷ management features.

No more remembering passwords. HP Password Manager¹³ lets you quickly log in to various online accounts. Now your passwords can be longer and more secure.

Save your data. RAID configurations utilize dual storage drives to automatically back up and help protect your sensitive data.^{14,15}

Stay up and running. HP BIOS Protection¹⁶ offers enhanced protection against virus attacks and other security threats, and is designed to help prevent data loss and reduce downtime.

Reliability for the long haul

Count on the support you need to get long-term value out of your investment. This work-ready PC is designed for a long lifecycle, with platform stability up to 30 months.

Rest assured. Talk to an agent any time and get priority service at any HP repair center with HP Elite Premium Support¹⁷, at no additional charge.

HP EliteDesk PCs are rigorously tested to help ensure reliability. During the HP Total Test Process, our PCs experience 115,000 hours of performance trials to help get you through your business day.

Datasheet

HP EliteDesk 800 G1 Small Form Factor PC



Form Factor	Small Form Factor
Operating System	Windows 10 Pro 64 Windows 10 Home 64 Windows 8.1 Pro 64 Windows 8.1 64 Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro) Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro) Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro) Windows 7 Professional 64 Windows 7 Professional 32 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
Processor	Intel® Core™ i7-4790 with Intel HD Graphics 4600 (3.6 GHz, 8 MB cache, 4 cores); Intel® Core™ i7-4771 with Intel HD Graphics 4600 (3.5 GHz, 8 MB cache, 4 cores); Intel® Core™ i7-4770 with Intel HD Graphics 4600 (3.4 GHz, 8 MB cache, 4 cores); Intel® Core™ i5-4690 with Intel HD Graphics 4600 (3.5 GHz, 6 MB cache, 4 cores); Intel® Core™ i5-4670 with Intel HD Graphics 4600 (3.4 GHz, 6 MB cache, 4 cores); Intel® Core™ i5-4590 with Intel HD Graphics 4600 (3.3 GHz, 6 MB cache, 4 cores); Intel® Core™ i5-4570 with Intel HD Graphics 4600 (3.2 GHz, 6 MB cache, 4 cores); Intel® Core™ i3-4370 with Intel HD Graphics 4600 (3.8 GHz, 4 MB cache, 2 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™ i3-4170 with Intel HD Graphics 4400 (3.7 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-4160 with Intel HD Graphics 4400 (3.6 GHz, 3 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® G3470 with Intel HD Graphics (3.6 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3460 with Intel HD Graphics (3.5 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® G3260 with Intel HD Graphics (3.3 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)
Chipset	Intel® Q87 Express
Memory	Up to 32 GB DDR3-1600 SDRAM Memory slots: 4 DIMM
Storage	Internal drive bays One 2.5"; One 3.5" External drive bays One 3.5"; One 5.25" Slim ODD 500 GB, up to 2 TB, SATA (7200 rpm) 500 GB, up to 1 TB, SATA (10000 rpm) 500 GB, up to 1 TB, SATA SSHD 120 GB, up to 512 GB, SATA SSD up to 500 GB, SATA SED
Removable Media	Slim SATA Blu-ray writer; Slim SATA SuperMulti DVD writer; Slim SATA DVD-ROM
Graphics	Intel® HD Graphics 4600; Intel® HD Graphics 4400; Intel® HD Graphics Integrated graphics will depend on processor
Audio	DTS Studio Sound™ audio management technology; HD audio with Realtek ALC221 codec; microphone and headphone front ports (3.5mm); line-out and line-in rear Ports (3.5mm); multi-streaming capable; internal speaker (standard)
Communications	Intel I217LM gigabit network connection; Intel Ethernet I210-T1 PCIe x1 gigabit network interface card (optional); HP WLAN 802.11 a/g/n (2x2) DualBand PCIe x1 Card (optional)
Expansion Slots	2 low-profile PCIe x1; 1 low-profile PCIe x16 (x4); 1 low-profile PCIe x16
Ports and Connectors	4 USB 3.0; 6 USB 2.0; 1 serial; 2 PS/2; 1 VGA; 2 DisplayPort; 1 audio in; 1 audio out; 1 RJ-45; 1 headphone; 1 microphone
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 HP PS/2 Mouse; HP USB Mouse; HP USB 1000 dpi Laser Mouse; HP USB and PS/2 Washable Mouse; HP USB Antimicrobial Mouse
Security	Common Criteria Certified (Infineon TPM SLB9656TT1.2- 4.32 FW); SATA port disablement (via BIOS); Drive lock; RAID (available as a configurable option); Intel Identity Protection Technology (IPT); 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); Solenoid hood lock/sensor; Support for chassis padlocks and cable lock devices
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; Microsoft Defender; Skype
Manageability Features	Intel Standard Manageability (select models)
Dimensions	33.8 x 37.9 x 10 cm
Weight	Starting at 7.6 kg Exact weight depends on configuration
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 Low halogen
Power	240W 92% efficient, active PFC
Warranty	On-site Warranty: Three-year (3-3-3) limited warranty delivers three years of on-site, next business day service for parts and labor and includes free telephone support 24 x 7. Three-year onsite and labor are not available in all countries. Service offers terms up to 5 years by choosing a Care Pack.

HP EliteDesk 800 G1 Small Form Factor PC

Recommended Accessories and Services

HP Integrated Work Center 3
for Small Form Factor



Maximize your work space with the HP Integrated Work Center for Small Form Factors v3. Customize an “all-in-one” solution by combining an HP Small Form Factor or Workstation with an LED monitor up to 24 diagonal inches.

Product number: F2P06AA

HP Business PC Security
Lock Kit



This handy device secure HP Business PC in public locations by locking-down peripherals and preventing removal of PC chassis cover. The Lock attaches to the rear of the PC and steel cable can be used to physically connect system to an anchor point.

Product number: PV606AA

HP 1TB 7200rpm SATA
(NCQ/Smart IV) 6Gbp/s Hard
Drive



Maximize performance of HP Business PCs and meet your storage demands with high-capacity drives. Serial ATA (NCQ and Smart IV) 6.0 Gb/s Hard Drives are available in the following models: 2.5" 7.2K – 1TB, 500 GB** and 2.5" 10K – 250GB** and 500GB.**

Product number: QK555AA

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

HP EliteDesk 800 G1 Small Form Factor PC

Footnotes

¹ The wireless hotspot application requires an active internet connection, a separately purchased data plan and separately purchased wireless NIC card. 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 internet service provider for plan details. Requires Windows.

² Integrated Intel Wi-Di feature is available on select configurations only and requires a separately purchased wireless NIC card, and a separately purchased projector, tv or computer monitor with an integrated or external Wi-Di receiver. External Wi-Di receivers connect to the projector, tv or computer monitor via a standard HDMI cable, also sold separately.

³ Removable hard drive planned to be available August 2013.

⁴ Optional PCI slot not available on HP EliteDesk SFF or USDT.

⁵ Solid State Hybrid Drives planned to be available October 2013.

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 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. DisplayPort with multi-stream through integrated graphics is planned to be available in fall 2013 as an integrated feature and as a web update in late summer 2013.

⁹ 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. mSATA SSD is planned to be available in August 2013.

¹⁰ Internet access required.

¹¹ Webcam required for video conferencing.

¹² Requires Windows.

¹³ Requires Internet Explorer (IE8 or IE9). Not all websites and applications may be supported.

¹⁴ RAID configuration is optional and does require a second hard drive

¹⁵ Sold separately or as an optional feature.

¹⁶ HP Tools partition with an HP BIOS required for automatic recovery. Business Desktops do not support this HP BIOS Protection auto-recovery feature.

¹⁷ Elite Support varies by region.

Sign up for updates

www.hp.com/go/getupdated

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.

