

Datasheet

HP EliteDesk 800 G1 Tower PC



Business demands confidence. Here's yours.

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Designed to perform, impress, and protect—the sleek HP EliteDesk 800 G1 helps you power through to business success while allowing customized deployment.



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.

HP EliteDesk 800 G1 Tower PC Specifications Table



Form Factor	Microtower
Available 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
Available Processors	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™ i3-4360 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™ i3-4150 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® 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® 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
Maximum Memory	Up to 32 GB DDR3-1600 SDRAM Standard memory note: For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system.
Memory slots	4 DIMM
Internal Storage	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 128 GB up to 160 GB SATA SSD up to 256 GB SATA SED
Optical Storage	Slim SATA Blu-ray writer; Slim SATA SuperMulti DVD writer; Slim SATA DVD-ROM
Available Graphics	Intel HD Graphics 4000; Intel HD Graphics 4600; AMD Radeon HD 8350 (1 GB); AMD Radeon HD 8490 (1 GB); AMD Radeon R9 255 (2 GB); NVIDIA NVS 310 (512 MB); NVIDIA NVS 315 (1 GB); NVIDIA GeForce GT 630 (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 (3.5mm); 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 full-height PCIe x1; 1 full-height PCIe x16; 1 full-height PCIe x16 (x4) (1 full-height PCI (select models))
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 (Optional: 1 serial; 1 parallel)
Internal Drive Bays	One 6.35 cm (2.5"); Two 8.9 cm (3.5")
External Drive Bays	One 3.5"; One 5.25"; One slim ODD
Available Software	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 Power2Go (Secure burn); Foxit PhantomPDF Express; Microsoft Security Essentials; Microsoft Defender; Skype
Security Management	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
Management Features	Intel Standard Manageability (select models)
Power	320 W 92% efficient, active PFC
Dimensions	17 x 44.2 x 39.9 cm
Weight	Starting at 9.3 kg (Configured with 1 HDD and 1 ODD. Exact weight depends on configuration)
Environmental	Low halogen
Energy Efficiency Compliance	ENERGY STAR® qualified configurations available
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 8-GB PC3-12800
(DDR3-1600 MHz) DIMM
Memory**



Maximize your business PC performance with HP Memory. Upgrading your memory is a cost-effective way to boost your system performance without having to upgrade your processor.

Product number: B4U37AA

**NVIDIA NVS 315 1GB
Graphics Card**



Get efficient dual-display graphics performance in a PCI Express low-profile graphics card with the NVIDIA NVS 315 PCIe x16 1 GB Graphics Card, an ideal desktop graphics solution for professional business and commercial applications.

Product number: E1C65AA

**HP Slim 8X SATA SuperMulti
Black Drive**



Now you can store up to 8.5 GB of your data or record up to 4 hours of DVD-quality video on dual-layer DVD±R media with the HP Slim SuperMulti DVD Writer Drive.

Product number: QS209AA

**HP 128 GB SATA 6 Solid
State Drive**



Boost the performance and robustness of your HP Business Desktop PC with an HP Solid State Drive. The HP Solid State Drives are a drop-in replacement for the 2.5-inch or 3.5-inch (with bracket) hard disk drive of some HP Compaq Business Desktop PCs providing many performance and durability improvements over traditional Hard Disk Drive (HDD) technology.

Product number: QV063AA

**4-year Next Business Day
Onsite**



Receive 4 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely

Product number: U7897E

**Learn more at
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Messaging 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.

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