

HP EliteDesk 800 G2 Tower PC



Experience top-notch productivity plus industry-leading reliability, security, and manageability, plus a unique portfolio of solutions with the powerful HP EliteDesk 800 TWR, HP's most expandable enterprise-class PC.



- Windows 10 Pro¹
- 6th Gen Intel® Core™ Processors²

Designed for every demand

Blast through your most demanding challenges with the uncompromising performance of 6th Gen Intel® Core™ processors,² Intel® HD 530 Graphics, and optional high-end discrete graphics and HP Turbo Drive.³

Seriously secure

Help protect your PC and maintain maximum uptime with a suite of solutions that help stop security breaches, including HP BIOSphere⁴ with SureStart.

Make durability a reality

Get the reassurance of a PC that goes through 120,000 hours of HP Total Test Process and is designed to pass MIL-STD testing.⁵ Add an optional Dust Management Solution for enhanced reliability in dusty environments.

Expand with ease

Extend the life of your investment with a tool-less chassis and a range of expansion slots, bays, ports, and connectors for the most demanding business needs.

Featuring

- Help secure the future of your modern business. Modern PCs from HP make the most of Windows 10 Pro¹ to help protect you from today's security threats and maximize management and productivity features for business.
- Enjoy easy world-class manageability with integrated solutions that include Intel® vPro™⁶ and Windows 10 Pro¹ plus HP Common Core BIOS, which enables easy management of your entire fleet of HP devices.
- Simplify IT rollouts and stagger deployments with an 18-month lifecycle and global availability in more than 180 countries where HP conducts business.
- Mobile devices connected via the HP Caller Dashboard™ created by Tangor Guild⁷ aggregate caller data from phone, email, and chat interactions into a simple user interface.
- Keep everything in plain sight and be up to 35%⁸ more productive with support for up to three external HP EliteDisplays.³
- Support your environmental initiatives with energy-efficient PCs that are ENERGY STAR® certified and EPEAT® Gold⁹ registered.
- Increase storage and performance with an optional powerful HP Turbo Drive³ that handles your growing and complex workloads.



Built-in speakers





Form Factor	Microtower
Available 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 ¹ Windows 7 Professional 32 ¹ FreeDOS 2.0 ¹
Available Processors	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™ 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™ i3-6320 with Intel HD Graphics 530 (3.9 GHz, 4 MB cache, 2 cores); Intel® Core™ i3-6300 with Intel HD Graphics 530 (3.8 GHz, 4 MB cache, 2 cores); Intel® Pentium® G4500 with Intel HD Graphics 530 (3.5 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4400 with Intel HD Graphics 510 (3.3 GHz, 3 MB cache, 2 cores) ³
Chipset	Intel® Q170
Maximum Memory	64 GB DDR4-2133 SDRAM (Transfer rates up to 2133 MT/s)
Memory Slots	4 DIMM
Internal Storage	120 GB up to 500 GB SATA SSD ⁴ 120 GB up to 256 GB SATA SE SSD ⁴ 500 GB up to 1 TB SATA SSHD ⁴ 128 GB up to 512 GB Turbo Drive G2 (M.2 PCIe SSD) ⁴ 128 GB up to 256 GB Turbo Drive (M.2 PCIe SSD) ⁴ 500 GB 2 TB SATA (7200 rpm) ⁴ 128 GB 256 GB SATA 3D SSD ⁴
Optical Drive	Slim SATA BDXL Blu-ray writer; Slim SATA SuperMulti DVD-RW; Slim SATA DVD-ROM ^{5,6}
Available Graphics	Integrated: Intel® HD Graphics® Discrete: AMD Radeon™ R9 350 (2 GB); NVIDIA® GeForce® GTX 960 (2 GB); NVIDIA® GeForce® GT 730 (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 (3.5 mm), line-out and line-in rear ports (3.5 mm), multi-streaming capable, internal speaker (standard)
Communications	LAN: Intel® I219LM Gigabit Network Connection LOM WLAN: Broadcom BCM943228Z 802.11n Wireless PCIe with optional Bluetooth® (optional); Intel® 7265 802.11ac Wireless PCIe with optional Bluetooth® (optional); Intel® 7265 802.11n Wireless PCIe (optional); Intel® 8260 802.11ac Wireless PCIe with optional Bluetooth® (optional) ⁷
Expansion Slots	1 full-height PCIe x16 (x4); 1 full-height PCIe x16; 2 full-height PCIe x1; 1 PCI (optional)
Ports and Connectors	Front: 2 USB 3.0; 2 USB 2.0 (1 fast charging); 1 audio line in; 1 audio line out Back: 6 USB 3.0; 1 serial; 1 serial (optional); 1 parallel (optional); 2 PS/2 (keyboard and mouse); 1 VGA; 2 DisplayPort; 1 audio line in; 1 audio line out; 1 RJ-45
Internal Drive Bays	Two 3.5"; One 2.5"
External Drive Bays	One 5.25"; One slim ODD; One SD 4 reader (optional)
Available Software	HP business PCs are shipped with a variety of software titles including: HP Drive Encryption (FIPS 140-2), HP Client Security, HP Security Manager, Microsoft Security Essentials, CyberLink Power2Go DVD BD, Native Miracast Support, HP ePrint Driver, HP Recovery Manager, Foxit PhantomPDF Express. Please refer to this product's quick spec document for a full list of preinstalled software. ^{10,11,12}

Security Management	HP BIOSphere with Sure Start; Trusted Platform Module (TPM) 1.2/2.0 (Common Criteria EAL4+ certified); SATA port disablement (via BIOS); DriveLock and Automatic DriveLock; RAID (available as a configurable option); 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); HP Solenoid Hood Lock/Sensor; Support for chassis padlocks and cable lock devices ^{13,14}
Management Features	Intel® vPro™
Power	280 W, up to 92% efficient, active PFC; 400 W, up to 92% efficient, active PFC
Dimensions	3.9 x 15 x 13.3 in 100 x 381 x 337 mm
Weight	Starting at 20.8 lb Starting at 9.43 kg (Exact weight depends on configuration)
Environmental	Low halogen ¹⁶
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® Gold registered configurations available ¹⁵

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Accessories and services (not included)

HP 3D 256GB SATA Solid State Drive



Expand the storage capabilities of your desktop with the HP 3D 256 GB SATA SSD¹, which includes 3D VNAND flash for impressive read/write performance and reliability plus the same solid performance you already get from current from SSD drives.

Product number: N1M49AA

HP Business PC Security Lock v2 Kit



Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the HP Business PC Security Lock v2 Kit.

Product number: N3R93AA

Intel 7265 802.11ac PCIe x1 NIC



Enjoy business-class, high-speed wireless and Bluetooth® connectivity on your desktop with the Intel® 7265 802.11ac PCIe x1 Card (Intel® vPro™ not supported).¹

Product number: N4G85AA

HP USB Conference Keyboard



Drive your Microsoft Lync voice and video calls directly from your HP USB Conference Keyboard and connect, disconnect, and manage your calls and videoconferencing settings with simple dedicated keys¹.

Product number: N8N57AA

HP 8GB DIMM DDR4 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: P1N52AA

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.microsoft.com>.

² 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 is not a measurement of higher performance.

³ Sold separately or available as a configurable option.

⁴ HP BIOSphere features may vary depending on the PC platform & configuration.

⁵ 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. Accidental damage or damage under the MIL STD test conditions requires an optional HP Accidental Damage Protection Care Pack.

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. 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 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 is not a measurement of higher performance.

⁴ 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 36 GB (for Windows 8.1 and 10) of system disk is reserved for system recovery software.

⁵ Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.

⁶ With Blu-Ray drive XL, certain disc, digital connection, compatibility and performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require an HDCP path and HDCP display. HD-DVD movies cannot be played on this BDXL Drive.

⁷ 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 this desktop PC to communicate with other 802.11ac WLAN devices.

⁸ HD content required to view HD images.

⁹ Optional or add-on feature.

¹⁰ HP ePrint 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/businessmobileprinting).

¹¹ Microsoft Security Essentials requires Windows 7 and internet access.

¹² 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. Miracast is available for Windows 8 and Windows 10. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.

¹³ HP BIOSphere with Sure Start available only on business PCs with HP BIOS.

¹⁴ Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

¹⁵ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

¹⁶ External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

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