HP EliteDesk 800 G3 Tower PC

Powered for the enterprise, the HP EliteDesk 800 TWR is one of HP's most secure and manageable PCs featuring high performance, and expandability in a stylishly redesigned 25% smaller chassis for the modern workplace.

HP recommends Windows 10 Pro.

- Windows 10 Pro[1]
- HP Sure Start Gen3[2]

Ready for virtual reality
- HP has combined high-performance and massive expansion with 7th Gen Intel® Core™ processors[4] and PCIe Gen3 solid state drives[5]. Amplify performance with optional 91W processors[5], up to 64 GB of DDR4 memory[5] and optional high-end discrete graphics for VR content[5].

Expansion that extends your investment
- The full value of your investment comes with expansion that extends the life of your PC. The HP EliteDesk 800 TWR has five bays and four full-height slots, plus two addition M.2 connectors, and plenty of configurable ports.

Strong security, powerful manageability
- Get powerful protection and simplified management from HP's most secure and manageable PCs. HP Sure Start Gen3[2] protects against BIOS attacks while the HP Manageability Integration Kit[6] allows you to easily manage devices through Microsoft System Center Configuration Manager.

Configurable I/O Port for displays
- Configure a third configurable rear I/O port for customizable display connections with your choice of VGA, DisplayPort™, HDMI or USB-Type C™ with DisplayPort™.

Featuring
- Power through your day with Windows 10 Pro and the powerful HP EliteDesk 800 TWR with built-in security, collaboration, and connectivity.
- 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.
- Keep data out of reach and defend against theft, attacks, and unauthorized users with HP Client Security Suite Gen3.
- 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.
- Rest easy with a PC that goes the distance and is designed to pass HP Total Test Process and MIL-STD 810G testing.
- Take advantage of HP's Elite Support, limited warranty, and Global Series support.
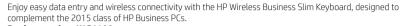
HP EliteDesk 800 G3 Tower PC Specifications Table

Form Factor	Tower
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. [1] Windows 10 Home 64 [1] Windows 10 Pro 64 (National Academic License) [2] Windows 10 Home Single Language 64 [1] Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) [3] FreeDOS 2.0 NeoKylin Linux® 64 Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro)[3, 19]
Processor Family [5]	6th Generation Intel® Core™ i3 processor; 7th Generation Intel® Core™ i3 processor; 6th Generation Intel® Core™ i5 processor; 7th Generation Intel® Core™ i5 processor; 7th Generation Intel® Core™ i7 processor; Intel® Celeron® processor; Intel® Pentium® processor
Available Processors [4,29]	Intel® Celeron® G3930 with Intel® HD Graphics 610 (2.9 GHz, 2 MB cache, 2 cores); Intel® Core™ i3-6100 with Intel® HD Graphics 530 (3.7 GHz, 3 MB cache, 2 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® Core™ i3-7320 with Intel® HD Graphics 630 (4.1 GHz, 4 MB cache, 2 cores); Intel® Core™ i5-6500 with Intel® HD Graphics 530 (3.2 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Core™ i5-6600 with Intel® HD Graphics 530 (3.3 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Core™ i5-7500 with Intel® HD Graphics 630 (3.4 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Core™ i5-7600 with Intel® HD Graphics 630 (3.5 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i7-6700 with Intel® HD Graphics 530 (3.4 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores); Intel® Core™ i7-7700 with Intel® HD Graphics 630 (3.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores); Intel® Core™ i7-7700K with Intel® HD Graphics 630 (4.2 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores); Intel® Pentium® Gold G4560 with Intel® HD Graphics 610 (3.5 GHz, 3 MB cache, 2 cores); Intel® Pentium® Gold G4600 with Intel® HD Graphics 630 (3.6 GHz, 3 MB cache, 2 cores); Intel® Pentium® Gold G4620 with Intel® HD Graphics 630 (3.7 GHz, 3 MB cache, 2 cores); Intel® Pentium® G3950 with Intel® HD Graphics 610 (3 GHz, 2 MB cache, 2 cores)
Chipset	Intel® Q270
Maximum Memory	64 GB DDR4-2400 SDRAM [6] Transfer rates up to 2400 MT/s
Memory Slots	4 DIMM
Internal Storage	500 GB up to 2 TB 3.5" SATA (7200 rpm) [7] 500 GB up to 1 TB SATA SSHD (5400 rpm) [7] 256 GB up to 512 GB SATA FIPS SSD [7,8] 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] 500 GB up to 1 TB 2.5" HDD (7200 rpm) [7] up to 1 TB 3.5" SSHD
Optical Drive	HP Optical Drive (optional)
Available Graphics	Integrated: Intel® HD Graphics 530; Intel® HD Graphics 630; Intel® HD Graphics 610[10,11,12,23] Discrete: AMD Radeon™ R7 450 Graphics (4 GB DDR3 dedicated); AMD Radeon™ RX 460 Graphics (2 GB GDDR5 dedicated); NVIDIA® GeForce® GTX 1060 (3 GB GDDR5 dedicated); NVIDIA® GeForce® GTX 1080 (8 GB GDDR5 dedicated); NVIDIA® GeForce® GTX 1070 (8 GB GDDR5 dedicated); AMD Radeon™ RX 480 Graphics (4 GB GDDR5 dedicated); NVIDIA® GeForce® GT 730 (1 GB GDDR5 dedicated); NVIDIA® GeForce® GT 730 (2 GB GDDR5 dedicated)[20,27]
Audio	Conexant CX20632 codec, 2 W internal speaker, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Expansion Slots	2 full-height PCIe x1; 2 full-height PCIe x16, one wired as x4; 1 M.2 2230 for optional wireless NIC; 1 M.2 2280 for storage drives [21]
Ports and Connectors	Front: 1 audio out; 2 USB 2.0; 1 USB Type-C™; 2 USB 3.1 Gen 1; 1 headset connector Back: 1 RJ-45; 2 USB 2.0; 1 audio in; 1 audio out; 4 USB 3.1 Gen 1; 1 choice of DisplayPort™, HDMI, VGA or USB Type-C™ (optional); 2 DisplayPort™ Back (optional): 1 DisplayPort™ 1.2; 1 HDMI; 1 serial; 1 USB Type-C™; 1 VGA[22]
Input Devices	HP Conferencing Keyboard; HP USB PS/2 Washable Keyboard; HP USB Smart Card (CCID) Keyboard; HP USB Business Slim Keyboard; HP PS/2 Business Slim Keyboard; HP USB Grey Business Slim Keyboard; HP USB Keyboard and Mouse; HP Wireless Business Slim Keyboard and Mouse [13] HP PS/2 Mouse; HP USB 1000 dpi Laser Mouse; HP Grey V2 Mouse; HP USB Mouse; HP USB Washable Mouse; HP USB Mouse (China only); HP USB Hardened Mouse [13]
Communications	LAN: Intel Ethernet I210-T1 PCIe x1 gigabit network interface card; 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™; Intel® 3168 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™ [9]
Drive Bays	One slim ODD; One 2.5" HDD; Two 3.5" HDD; One 5.25" [24]
Available Software	Bing search for IE11; CyberLink Power Media Player; CyberLink Power2Go; Foxit Phantom PDF Express; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP Notifications; HP Sure Click; Native Miracast Support; Skype for Business Certified; Buy Office (sold separately) [14,26,31]
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); Solenoid hood lock/intrusion sensor; Support for chassis padlocks and cable lock devices [30]
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 [16,25]
Power	250 W standard efficiency; 500 W standard efficiency
Dimensions	15.4 x 36.9 x 36.5 cm (Dimensions are WxDxH with product in horizontal orientation)
Weight	9.86 kg
Environmental	Low halogen [18]
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® registered configurations available [17]

HP EliteDesk 800 G3 Tower PC

Recommended Accessories and Services

HP Wireless Slim Business Keyboard

Enjoy easy data entry and wireless connectivity with the HP Wireless Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs.
Product number: N3R88AA

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

HP USB Graphics Adapter

HP offers a variety of optional products (each sold separately) designed to complement our monitors and enhance the overall computing experience. The super-compact HP USB Graphics Adapter enables connection of up to six simultaneous displays to help you boost productivity and multi-task across several open applications. Use one Adapter to bridge between a notebook or desktop PC and second monitor or use multiple Adapters to connect several displays to each other. Supports resolutions up to 1920 x 1080 (widescreen) or 1600 x 1200 (traditional).
Product number: NL571AA

HP 256GB SATA Value SSD Drive

Expand the storage capabilities of your desktop with the HP 256GB SATA Value SSD Drive[1], which includes TLC flash and the same reliability you already get from current from SSD drives.
Product number: W0U55AA

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

HP Care Pack

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

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 Elite 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 can be downloaded from http://www.hp.com/go/clientmanagement.
[7] HP Client Security Suite Gen3 requires Windows and Intel® or AMD 7th or 8th generation 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. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
[10] Elite support only available in the US and Canada in English.

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.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] 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] 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] TLC SSD in Federal Information Processing Standard.
[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.
[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.
[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.
[19] Only available with 6th generation (Intel) processors.
[20] AMD Radeon™ R7 450 4GB FH PCIe x16, AMD Radeon™ RX 460 2GB FH PCIe x16, AMD Radeon™ RX 480 4GB FH PCIe x16, NVIDIA® GeForce® GTX 1060 3GB FH PCIe x16, NVIDIA® GeForce® GTX 1070 8GB FH PCIe x16, NVIDIA® GeForce® GTX 1080 8GB FH PCIe x16 require a 500 W power supply.
[21] (1) Internal M.2 PCIe x4 connector for optional Turbo Drive SSD: primary device if installed.
[22] This card comes with a Serial Port and 2 PS/2 ports (3 ports total). Supports HDMI 2.0a features. 1 DisplayPort™ 1.2 (optiona); 1 HDMI, 1 VGA or 1 USB Type-C™ (optional); 1 serial (optional).
[23] 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
[24] 5 SATA connectors.
[25] LANDesk subscription required.
[26] 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.
[27] Optional discrete graphics solutions.
[29] Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
[30] HP Drive Lock is not supported on NVMe drives.
[31] HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

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