



# 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<sup>1</sup>
- HP Sure Start Gen3<sup>2</sup>

## Ready for virtual reality

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

## 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<sup>2</sup> protects against BIOS attacks while the HP Manageability Integration Kit<sup>6</sup> 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<sup>1</sup> 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<sup>2</sup> 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<sup>7</sup>.
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant.
- The HP Manageability Integration Kit<sup>6</sup> helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- HP WorkWise<sup>9</sup> is office intelligence rolled into one smartphone app to provide PC security, real-time PC performance information, and simplified printer driver installation for HP PC users.
- Greatly improve data, voice, and video communication transfer rates over challenged LAN and Wi-Fi networks.
- Rest easy with a PC that goes the distance and is designed to pass HP Total Test Process and MIL-STD 810G testing<sup>10</sup>.

**HP EliteDesk 800 G3 Tower PC Specifications Table**



<b>Form Factor</b>	Tower
<b>Available Operating System</b>	Windows 10 Pro 64 – HP recommends Windows 10 Pro. <sup>1</sup> Windows 10 Home 64 <sup>1</sup> Windows 10 Pro 64 (National Academic License) <sup>2</sup> Windows 10 Home Single Language 64 <sup>1</sup> Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) <sup>3</sup> FreeDOS 2.0 NeoKylin Linux® 64
<b>Processor Family</b> <sup>4,5</sup>	7th Generation Intel® Core™ i3 processor (i3-7100, i3-7300, i3-7320 models); 7th Generation Intel® Core™ i5 processor (i5-7500, i5-7600 models); 7th Generation Intel® Pentium® processor (G4560, G4600, G4620 models); 7th Generation Intel® Celeron® processor (G3930, G3950 models); 7th Generation Intel® Core™ i7 processor (i7-7700, i7-7700K models); 6th Generation Intel® Core™ i7 processor (i7-6700 model); 6th Generation Intel® Core™ i5 processor (i5-6600, i5-6500 models); 6th Generation Intel® Core™ i3 processor (i3-6100 model)
<b>Available Processors</b>	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)  <small>Your product does not support Windows 8 or Windows 7. 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 <a href="http://www.support.hp.com">http://www.support.hp.com</a>.</small>
<b>Chipset</b>	Intel® Q270
<b>Maximum Memory</b>	64 GB DDR4-2400 SDRAM <sup>6</sup> (Transfer rates up to 2400 MT/s)
<b>Memory Slots</b>	4 DIMM
<b>Internal Storage</b>	500 GB up to 2 TB 3.5" SATA (7200 rpm) <sup>7</sup> 500 GB up to 1 TB SATA SSHD (5400 rpm) <sup>7</sup> 256 GB up to 512 GB SATA FIPS SSD <sup>7,8</sup> 256 GB up to 1 TB HP Turbo Drive G2 TLC SSD (PCIe) <sup>7</sup> 128 GB up to 512 GB 2.5" SATA SSD <sup>7</sup> 500 GB up to 1 TB 2.5" HDD (7200 rpm) <sup>7</sup> up to 1 TB 3.5" SSHD
<b>Optical Drive</b>	HP Optical Drive (optional)
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 530; Intel® HD Graphics 630; Intel® HD Graphics 610 <sup>10,11,12,23</sup> Discrete: NVIDIA® GeForce® GT730 (2 GB); AMD Radeon™ R7 450 FH (4 GB); AMD Radeon™ RX 460 FH (2 GB); NVIDIA® GeForce® GT730 HDMI (1 GB); NVIDIA® GeForce® GTX 1080 FH (8 GB) <sup>20,27</sup>
<b>Audio</b>	Integrated Realtek ALC221 with combo microphone/headphone jack, line-in and line-out rear ports (3.5 mm), internal speaker.
<b>Communications</b>	LAN: Intel® I219LM Gigabit Network Connection LOM WLAN: Intel® 8265 802.11 ac (2x2) wireless with Bluetooth® M.2 combo card vPro™; Intel® 8265 802.11 ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™ <sup>9</sup>
<b>Expansion Slots</b>	1 M.2 2230 for optional wireless NIC; 1 M.2 internal connector for optional SSD drive; 2 PCIe x1; 2 full-height PCIe x16, one wired as x4 <sup>21</sup>
<b>Ports and Connectors</b>	Front: 1 SD 4 card reader (optional); 1 Headphone connector; 1 USB 2.0 (fast charging); 1 USB 2.0; 2 USB 3.1 Gen 1; 1 USB Type-C™ (charging) <sup>28</sup> Back: 2 USB 2.0; 4 USB 3.1 Gen 1; 1 RJ-45; 1 power connector; 2 DisplayPort™ 1.2; 1 audio-in; 1 audio-out <sup>28</sup> Back (optional): 1 DisplayPort™ 1.2; 1 HDMI; 1 serial; 1 USB Type-C™; 1 VGA <sup>22</sup>

<b>Internal Drive Bays</b>	One 2.5" HDD; Two 3.5" HDD; One 5.25"
<b>External Drive Bays</b>	One slim <sup>24</sup>
<b>Available Software</b>	Bing search for IE11; Buy Office; CyberLink Power Media Player; CyberLink Power2Go; Foxit Phantom PDF Express; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP Notifications; HP Sure Click; HP Velocity; Native Miracast Support; Skype for Business Certified <sup>14,15,26</sup>
<b>Security Management</b>	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
<b>Management Features</b>	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 <sup>16,25</sup>
<b>Power</b>	250 W standard efficiency
<b>Dimensions</b>	6.1 x 14.6 x 14.4 in 15.4 x 36.9 x 36.5 cm (Dimensions are WxDxH with product in horizontal orientation)
<b>Weight</b>	21.79 lb 9.86 kg
<b>Environmental</b>	Low halogen <sup>18</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR <sup>®</sup> certified and EPEAT <sup>®</sup> registered configurations available <sup>17</sup>

## HP EliteDesk 800 G3 Tower PC

### Accessories and services (not included)

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#### **HP EliteDisplay E240 23.8-inch Monitor**

Power through your work day with the Elite-class performance, Full HD image presentation, and Elite-class ergonomic adjustability of the HP EliteDisplay E240 23.8-inch Monitor.  
**Product number: M1N99A8**

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#### **HP 3D 256GB SATA Solid State Drive**

Expand the storage capabilities of your desktop with the HP 3D 256 GB SATA SSD<sup>1</sup>, which includes 3D V NAND flash for impressive read/write performance and reliability plus the same solid performance you already get from current from SSD drives.  
**Product number: N1M49AT**

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#### **HP USB Business Speakers v2**

Quickly and easily add stereo sound to your workspace with HP USB Business Speakers v2, a set of stylish desktop speakers powered by your PC's USB port.  
**Product number: N3R89AT**

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#### **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: N3R93AT**

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## Messaging Footnotes

- <sup>1</sup> 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>.
- <sup>2</sup> Available on HP EliteBook and EliteDesk products equipped with Intel® 7th generation processors.
- <sup>4</sup> 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.
- <sup>5</sup> Sold separately or as an optional feature.
- <sup>6</sup> HP Manageability Integration Kit is planned to be available first quarter 2017 and can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- <sup>7</sup> HP Client Security Suite Gen3 requires Windows and Intel® 7th Gen processors.
- <sup>9</sup> HP WorkWise smartphone app will soon be available as a free download on the App Store and Google Play.
- <sup>10</sup> 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.

## Technical Specifications Footnotes

- <sup>1</sup> 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/>.
- <sup>2</sup> 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.
- <sup>3</sup> 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.
- <sup>4</sup> Multicore 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.
- <sup>5</sup> 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>
- <sup>6</sup> 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.
- <sup>7</sup> 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.
- <sup>8</sup> TLC SSD in Federa Information Processing Standard
- <sup>9</sup> 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 the notebook to communicate with other 802.11ac WLAN devices.
- <sup>10</sup> Intel® HD Graphics 530: integrated on 6th gen Core™ i7/i5/i3 processors
- <sup>11</sup> Intel® HD Graphics 630: integrated on 7th gen Core™ i7/i5/i3 processors and Pentium® G4620, 4600, 4600T
- <sup>12</sup> Intel® HD Graphics 610: integrated on Pentium® G4560, G4560T, Celeron™ G3950, G3930, G3930T
- <sup>13</sup> Sold separately or as an optional feature.
- <sup>14</sup> 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>.
- <sup>15</sup> HP ePrint Driver 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/eprintcenter](http://www.hp.com/go/eprintcenter)). Requires optional broadband module. Print times and connection speeds may vary.
- <sup>16</sup> HP MIK is not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>
- <sup>17</sup> 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](http://www.hp.com/go/options)
- <sup>18</sup> External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- <sup>19</sup> NOTE: Your product does not support Windows 8 or Windows 7. 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>.
- <sup>20</sup> 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.
- <sup>21</sup> (1) Internal M.2 PCIe x4 connector for optional Turbo Drive SSD; primary device if installed.
- <sup>22</sup> This card comes with a Serial Port and 2 PS/2 ports (3 ports total). Supports HDMI 2.0a features. 1 DisplayPort™ 1.2 (optional); 1 HDMI, 1 VGA or 1 USB Type-C™ (optional); 1 serial (optional).
- <sup>23</sup> 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
- <sup>24</sup> 5 SATA connectors.
- <sup>25</sup> LANdesk subscription required.
- <sup>26</sup> 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.
- <sup>27</sup> Optional discrete graphics solutions.
- <sup>28</sup> USB 3.1 Gen 1: 5 Gbit/s data speed.

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