



# HP EliteDesk 800 35W G3 Desktop Mini PC

Security, manageability, and performance in a modern design

Powered for the enterprise, the ultra-small HP EliteDesk 800 Desktop Mini is one of HP's most secure and manageable PCs. The ultra-small HP EliteDesk 800 Desktop Mini features the performance required by today's workforce and a stylishly redesigned chassis for the modern workplace.



HP recommends Windows 10 Pro for business

- Windows 10 Pro<sup>1</sup>
- HP Sure Start Gen3<sup>2</sup>

## Surprisingly small, stunningly powerful

- The HP EliteDesk 800 Desktop Mini is HP's smallest and most powerful business-class desktop. Drive performance with 7th Gen Intel® Core™ processors<sup>4</sup>, optional Intel® Optane™<sup>5</sup>, up to 32 GB of DDR4 memory<sup>5</sup>, and HP Turbo Drive G2<sup>5</sup>.

## Simple mounting solutions

- Easily deploy your Mini behind any Elite Display<sup>5</sup> for a near zero footprint solution. Mount and secure it almost anywhere with HP full ecosystem of DM accessories<sup>5</sup>.

## 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 rear I/O port for customizable display connections with your choice of VGA, DisplayPort™, HDMI or Serial USB-Type C™ with DisplayPort™.

## Featuring

- Power through your day with Windows 10 Pro and the powerful HP EliteDesk 800 Desktop Mini 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.

## HP EliteDesk 800 35W G3 Desktop Mini PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business <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 NeoKylin Linux <sup>®</sup> 64 Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro) <sup>3,19</sup>
Processor family <sup>5</sup>	7th Generation Intel <sup>®</sup> Core <sup>™</sup> i7 processor; 7th Generation Intel <sup>®</sup> Core <sup>™</sup> i5 processor; 7th Generation Intel <sup>®</sup> Core <sup>™</sup> i3 processor; Intel <sup>®</sup> Pentium <sup>®</sup> processor; Intel <sup>®</sup> Celeron <sup>®</sup> processor; 6th Generation Intel <sup>®</sup> Core <sup>™</sup> i7 processor; 6th Generation Intel <sup>®</sup> Core <sup>™</sup> i5 processor; 6th Generation Intel <sup>®</sup> Core <sup>™</sup> i3 processor
Available Processors <sup>4,28</sup>	Intel <sup>®</sup> Core <sup>™</sup> i7-7700T with Intel HD Graphics 630 (2.9 GHz, up to 3.8 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel <sup>®</sup> Core <sup>™</sup> i5-7500T with Intel HD Graphics 630 (2.7 GHz, up to 3.3 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel <sup>®</sup> Core <sup>™</sup> i5-7600T with Intel HD Graphics 630 (2.8 GHz, up to 3.7 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel <sup>®</sup> Core <sup>™</sup> i3-7100T with Intel HD Graphics 630 (3.4 GHz, 3 MB cache, 2 cores); Intel <sup>®</sup> Core <sup>™</sup> i3-7300T with Intel HD Graphics 630 (3.5 GHz, 3 MB cache, 2 cores); Intel <sup>®</sup> Pentium <sup>®</sup> G4560T with Intel HD Graphics 610 (2.9 GHz, 3 MB cache, 2 cores); Intel <sup>®</sup> Pentium <sup>®</sup> G4600T with Intel HD Graphics 630 (3 GHz, 3 MB cache, 2 cores); Intel <sup>®</sup> Celeron <sup>™</sup> G3930T with Intel HD Graphics 610 (2.7 GHz, 2 MB cache, 2 cores); Intel <sup>®</sup> Core <sup>™</sup> i7-6700T with Intel HD Graphics 530 (2.8 GHz, up to 3.6 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel <sup>®</sup> Core <sup>™</sup> i5-6500T with Intel HD Graphics 530 (2.5 GHz, up to 3.1 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel <sup>®</sup> Core <sup>™</sup> i5-6600T with Intel HD Graphics 530 (2.7 GHz, up to 3.5 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel <sup>®</sup> Core <sup>™</sup> i3-6100T with Intel HD Graphics 530 (3.2 GHz, 3 MB cache, 2 cores)
Chipset	Intel <sup>®</sup> Q270
Form factor	Mini
Maximum memory	32 GB DDR4-2400 SDRAM <sup>6</sup> Transfer rates up to 2400 MT/s
Memory slots	2 SODIMM
Internal storage	500 GB up to 1 TB 2.5" 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 SED <sup>7</sup> 256 GB up to 1 TB HP Turbo Drive G2 TLC SSD (PCIe) <sup>7</sup> 128 GB up to 256 GB SATA SSD <sup>7</sup>
Available Graphics	Integrated: Intel <sup>®</sup> HD Graphics 530; Intel <sup>®</sup> HD Graphics 630; Intel <sup>®</sup> HD Graphics 610 <sup>10,11,12,21</sup>
Audio	Conexant CX20632 codec, internal speaker, combo microphone/headphone jack, line-in and line-out rear ports (3.5 mm)
Expansion slots	1 M.2 2230 for optional wireless NIC; 1 M.2 2280 for storage drives
Ports and Connectors	Front: 1 USB 3.1 Type-C™ (charging); 1 USB 3.1 Gen 1; 1 USB 3.1 Gen 1 (charging); 1 Headphone connector Back: 1 external antenna connector; 4 USB 3.1 Gen 1; 1 RJ-45; 1 power connector; 2 DisplayPort™ 1.2 Optional: 1 DisplayPort™ 1.2; 1 HDMI; 1 serial; 1 USB Type-C™; 1 VGA <sup>8</sup>
Input devices	HP Conferencing Keyboard; HP USB Business Slim Keyboard; HP USB Grey Business Slim Keyboard; HP USB PS/2 Washable Keyboard; HP Wireless Business Slim Keyboard and Mouse Combo <sup>13</sup> ; HP USB 1000 dpi Laser Mouse; HP USB Hardened Mouse; HP USB Mouse; HP USB Washable Mouse <sup>13</sup>
Communications	LAN: Intel <sup>®</sup> I219LM Gigabit Network Connection LOM WLAN: Intel <sup>®</sup> 8265 802.11ac (2x2) wireless with Bluetooth <sup>®</sup> M.2 combo card vPro™; Intel <sup>®</sup> 8265 802.11ac (2x2) wireless with Bluetooth <sup>®</sup> M.2 combo card non-vPro™; Intel <sup>®</sup> 7265 802.11ac (2x2) wireless with Bluetooth <sup>®</sup> M.2 combo card non-vPro™; Intel <sup>®</sup> 3168 802.11ac (2x2) wireless with Bluetooth <sup>®</sup> M.2 combo card non-vPro™; Intel <sup>®</sup> 7260 802.11a/b/g/n (2x2) wireless with Bluetooth <sup>®</sup> M.2 disabled NIC <sup>9,19</sup> ;
Drive Bays	One 2.5" HDD
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
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 Support Assistant; HP Sure Click; Native Miracast Support; Skype for Business Certified; Buy Office (sold separately) <sup>15,24,26</sup>
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); Support for chassis padlocks and cable lock devices; Integrated hood sensor <sup>27</sup>
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 <sup>22,23</sup>
Power	35 W 89% efficient
Dimensions	17.7 x 3.42 x 17.5 cm (Dimensions are WxDxH with product in horizontal orientation)
Weight	1.21 kg
Energy efficiency compliance	ENERGY STAR <sup>®</sup> certified; EPEAT <sup>®</sup> 2019 registered where applicable <sup>17</sup>
Environmental specifications	Low halogen <sup>18</sup>

## HP EliteDesk 800 35W G3 Desktop Mini PC

### Accessories and services (not included)

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#### HP Desktop Mini Security/Dual VESA Sleeve



Wrap your HP Desktop Mini PC in the HP Desktop Mini Security/Dual VESA Sleeve to securely mount your PC behind your display, position your solution on a wall, and lock it down with the optional HP Ultra-Slim Cable Lock.

**Product number: G1K22AA**

#### HP Desktop Mini Chassis Tower Stand



Keep it vertical. Make the most of space-constrained environments by deploying your HP Desktop Mini in a vertical orientation with the HP Desktop Mini Chassis Tower Stand.

**Product number: G1K23AA**

#### HP Integrated Work Center for Desktop Mini and Thin Client



Make the most of small work spaces with an HP IWC Desktop Mini/Thin Client that lets you create a compact desktop solution by combining a display with an HP Desktop Mini, HP Thin Client or HP Chromebox and giving you convenient front access to all of its inputs.

**Product number: G1V61AA**

#### 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 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](http://www.hp.com/go/cpc).

**Product number: UE379E**

## HP EliteDesk 800 35W G3 Desktop Mini PC

### 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 Elite 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, branding and/or naming is not a measurement of higher performance.
- <sup>5</sup> Sold separately or as an optional feature.
- <sup>6</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>7</sup> HP Client Security Suite Gen3 requires Windows and Intel® or AMD 7th or 8th generation processors.
- <sup>9</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.

### 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> 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.
- <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> HDMI cable sold separately or as an optional feature. Supports HDMI 2.0a features.
- <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.
- <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>15</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>17</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <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> Only available with 6th generation (Intel) processors.
- <sup>21</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>22</sup> HP MIK is not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>
- <sup>23</sup> LANDesk subscription required.
- <sup>24</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>26</sup> HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, 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.
- <sup>27</sup> HP Drive Lock is not supported on NVMe drives.
- <sup>28</sup> 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](http://www.intel.com/technology/turboboost) for more information.

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