

# HP EliteDesk 805 G8 Desktop Mini PC



Big power in a small package

Empower your workday with the performance, security, and manageability provided by the HP EliteDesk 805 Desktop Mini. Optimize productivity with the power of this Mini, perfect for small spaces and hybrid workstyles at home or in the office.



HP recommends Windows 10 Pro for business

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- AMD Ryzen™ PRO 5000 Series processor<sup>2</sup>

## Take back your desk

- Save space on your desk by mounting the HP EliteDesk 805 DM behind your monitor<sup>3</sup> or inside the HP Mini-in-One 24 display.<sup>4</sup> The HP Run Quiet Design helps you focus, and HP Extended Range Wireless LAN delivers fast connections in busy environments.

## Power to thrive

- Get powerhouse performance for the results you demand with an AMD Ryzen™ PRO 5000 series processor<sup>2</sup> and an optional NVIDIA® GeForce GTX 1660 Ti graphics card<sup>5</sup> to immerse yourself in up to seven monitors.<sup>6</sup>

## Protected by HP Wolf Security

- HP Wolf Security for Business creates an always-on, always-acting, resilient defense. From the BIOS to the browser, above and below the OS, these constantly evolving solutions help protect your PC from threats.<sup>7</sup>
- This PC includes ocean-bound plastics in the speaker enclosure, front bezel I/O strip, and front bezel frame. It comes in 100 percent recycled molded pulp packaging and is ENERGY STAR® certified and EPEAT® registered in 19 countries.<sup>9,10,11</sup>
- Focus on work while enjoying whisper quiet operation. The HP EliteDesk 805 DM utilizes HP Run Quiet Design that finely tunes the fans to keep systems running quiet and cool.
- Tested for 1000 cleanings, high-touched exterior surfaces can be cleaned using commonly available household disinfecting and cleaning wipes.<sup>12</sup>
- Improve connectivity in crowded network environments while on Wi-Fi® with HP Extended Range Wireless LAN that allows greater distance from transmission point and fast data throughput at shorter ranges.<sup>13</sup>
- Rest easy with a PC that undergoes 120,000 hours of HP's Total Test Process and MIL-STD 810 testing. Help extend protection with an optional removable dust filter.<sup>5,14,15</sup>
- Quickly access and transfer large files to keep up with today's changing business requirements with dual high-performance M.2 storage with optional RAID configurations, and memory with up to 3200MHz speed.<sup>5</sup>

## HP EliteDesk 805 G8 Desktop Mini PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business <sup>1</sup> Windows 10 Pro 64 (National Academic only) <sup>1,2</sup> Windows 10 Home 64 <sup>1</sup> Windows 10 Home Single Language 64 <sup>1</sup> FreeDOS
Processor family <sup>3</sup>	AMD Ryzen™ 3 PRO processor; AMD Ryzen™ 5 PRO processor; AMD Ryzen™ 7 PRO processor
Available Processors <sup>3,35</sup>	AMD Ryzen™ 7 PRO 5750G with Radeon™ Graphics (3.8 GHz base clock, up to 4.6 GHz max boost clock, 20 MB L3 cache, 8 cores); AMD Ryzen™ 5 PRO 5650G with Radeon™ Graphics (3.9 GHz base clock, up to 4.4 GHz max boost clock, 19 MB L3 cache, 6 cores); AMD Ryzen™ 3 PRO 5350G with Radeon™ Graphics (4.0 GHz base clock, up to 4.20 GHz max boost clock, 10 MB L3 cache, 4 cores); AMD Ryzen™ 7 PRO 5750GE with Radeon™ Graphics (3.2 GHz base clock, up to 4.6 GHz max boost clock, 16 MB L3 cache, 8 cores); AMD Ryzen™ 5 PRO 5650GE with Radeon™ Graphics (3.4 GHz base clock, up to 4.4 GHz max boost clock, 16 MB L3 cache, 6 cores); AMD Ryzen™ 3 PRO 5350GE with Radeon™ Graphics (3.6 GHz base clock, up to 4.2 GHz max boost clock, 8 MB L3 cache, 4 cores)
Chipset	AMD PRO 565
Form factor	Mini
Maximum memory	64 GB DDR4-3200 SDRAM <sup>4</sup> Transfer rates up to 3200 MT/s.
Memory slots	2 SODIMM
Internal storage	500 GB up to 1 TB 7200 rpm SATA <sup>5</sup> up to 2 TB 5400 rpm SATA <sup>5</sup> up to 500 GB SATA SED Opal 2 HDD <sup>5</sup> 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD <sup>5</sup> 128 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD <sup>5</sup> 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD <sup>5</sup>
Available Graphics	Integrated: AMD Radeon™ Graphics Discrete: NVIDIA® GeForce® GTX 1660 Ti (6 GB GDDR6 dedicated) <sup>9,12</sup>
Audio	Realtek ALC3867 codec, universal audio jack with CTIA and OMTP headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
Expansion slots	1 M.2 2230; 2 M.2 2280 (1 M.2 slot for WLAN and 2 M.2 2280 slots for storage.)
Ports and Connectors	Front: 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 2 SuperSpeed USB Type-A 10Gbps signaling rate (1 fast charging) Rear: 1 external antenna connector; 1 power connector; 1 RJ-45; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4 <sup>36</sup> Optional Ports: Flex IO port 2 – choose one of the following options: Dual USB 2.0 Type-A 480Mbps signaling rate, VR Ready NVIDIA GTX 1660 Ti discrete GPU (6 GB GDDR6 dedicated), SerialS-232; Flex IO port 1 – choose one of the following options: DisplayPort™ 1.4, HDMI 2.0, 1 SuperSpeed USB Type-C® 10Gbps signaling rate (100 W Power Delivery, DisplayPort™ 1.2), 1 SuperSpeed USB Type-C® 10Gbps (DisplayPort™ 1.2), 2 SuperSpeed USB Type-A 5Gbps signaling rate, VGA, 1 HP Fiber NIC (1 Gbps), 1 HP Fiber NIC (100Mbps), 2.5 GbE Ethernet NIC <sup>6,9,10,12,13</sup>
Input devices	HP Wired Desktop 320K Keyboard; HP PS/2 Business Slim Keyboard; HP Wireless Business Slim Keyboard and mouse combo; HP USB Business Slim SmartCard CCID Keyboard <sup>17,22</sup> ; HP USB Fingerprint Mouse; HP 125 Wired Mouse; HP 128 Laser Wired Mouse <sup>17,22</sup> ;
Communications	LAN: Realtek RTL8111FP; WLAN: Intel® Wi-Fi 6 AX200 (2x2) and Bluetooth® M.2 combo; Intel® Wi-Fi 6 AX200 (2x2) and Bluetooth® M.2 combo with external antenna <sup>7,8,9,16</sup> ;
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH;
Software	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP Privacy Settings; HP Desktop Support Utilities; HP QuickDrop; HP Easy Clean <sup>18,19</sup>
Security management	DriveLock; Hood sensor; Power-on password (via BIOS); SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Serial enable/disable (via BIOS); HP Secure Erase; HP Sure Click; HP Sure Sense; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10. (Common Criteria EAL4+ Certified); HP Sure Recover Gen3; HP Sure Start Gen6; HP BIOSphere Gen6; HP Client Security Manager Gen7 <sup>24,25,26,27,28,29,30</sup>
Security Software Licenses	HP Wolf Pro Security Edition <sup>56</sup>
Management features	HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); Ivanti Management Suite; HP Cloud Recovery; HP Image Assistant Gen 4; AMD DASH; HP Manageability Integration Kit <sup>20,21,23,37</sup>
Power	65 W external power adapter, up to 89% efficiency, active PFC; 90 W external power adapter, up to 89% efficiency, active PFC; 150 W external power adapter, up to 89% efficiency, active PFC; 60W external power adapter, up to 89% efficiency, active PFC <sup>31</sup>
Dimensions	17.7 x 17.5 x 3.4 cm
Weight	1.45 kg (Exact weight depends on configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered where applicable <sup>32</sup>
Sustainable impact specifications	75% post-consumer recycled plastic; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure, I/O strip and bezel frame <sup>33,38,39,40,41</sup>
Warranty	3 year (3/3/3) limited warranty includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

## HP EliteDesk 805 G8 Desktop Mini PC

### Accessories and services (not included)

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#### HP E24u G4 FHD USB-C Monitor



Enjoy an enhanced viewing experience and make the most of your desk space by charging your PC with a single USB-C® cable straight from your monitor. Work comfortably through your day on the HP E24u G4 FHD USB-C Monitor, with optimized ergonomics, HP Eye Ease, and Full HD resolution. Make life easy for IT with remote manageability<sup>1</sup>.  
**Product number: 189T0AA**

#### HP USB Premium Mouse



Create a sleek, professional workspace with the HP USB Premium Mouse, which integrates seamlessly with your HP notebook.  
**Product number: 1JR32AA**

#### HP 125 Wired Keyboard



Think how much you use your keyboard. That's why we've taken the time to design a keyboard that is comfortable to use so you can work productively every day - and all day if necessary.  
**Product number: 266C9AA**

#### HP USB-C to DP Adapter



Put your notebook or tablet's high-definition video content up on the big screen with the HP USB-C™ to DP Adapter, which enables connection to an external display, TV or projector  
**Product number: N9K78AA**

#### HP 5 year Next Business Day Onsite Hardware Support for Desktops



Receive 5 years of next business day onsite HW Support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.  
**Product number: U7899E**

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## HP EliteDesk 805 G8 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> 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. AMD's numbering is not a measurement of clock speed.
- <sup>3</sup> Sold separately or as an optional feature.
- <sup>4</sup> HP Mini-in-One 24 Display sold separately. PC must be configured with optional USB-C® with 100W Power Delivery card to power the PC from the monitor.
- <sup>5</sup> Optional feature that must be configured at the time of purchase.
- <sup>6</sup> Seven displays sold separately and only supported on 35W processor model configured with an NVIDIA GEFORCE GTX 1660 Ti graphics card at the time of purchase.
- <sup>7</sup> HP Wolf Security for Business requires Windows 10, includes various HP security features and is available on HP Pro, Elite and Workstation products. See product details for included security features and OS requirement.
- <sup>8</sup> PC speaker enclosure, front bezel I/O strip, and front bezel frame components each made with 5% ocean-bound plastic.
- <sup>9</sup> 100% outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic.
- <sup>10</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>11</sup> Select household wipes can be safely used to clean select HP commercial PCs. See wipe manufacturer's instructions for disinfecting and the HP cleaning guide for HP tested wipe solutions at How to Sanitize Your HP Device Whitepaper (<https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW>) not applicable to HP Elite c1030 Chromebook.
- <sup>12</sup> Based on internal testing of products with and without HP Extended Range Wireless LAN.
- <sup>13</sup> HP Total Test Process testing is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>14</sup> MIL STD 810 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. 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> 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. AMD's numbering is not a measurement of clock speed.
- <sup>4</sup> Actual transfer rate will vary and is determined by the system's configured processor. See processor specifications for supported memory data rate. All memory slots are customer accessible / upgradeable.
- <sup>5</sup> For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of system disk is reserved for the system recovery software.
- <sup>6</sup> Only one option card can be configured at a time.
- <sup>7</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11 ac) is backwards compatible with prior.
- <sup>8</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft 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 802.11ax devices. Only available in countries where 802.11ax is supported.
- <sup>9</sup> Sold separately or as an optional feature.
- <sup>10</sup> Availability depends on model.
- <sup>11</sup> Discrete graphics only available on 35W models.
- <sup>12</sup> USB-C® Alt mode DisplayPort™ 1.2 with 100W Power Delivery required for HP Mini-In-One 24 Display support.
- <sup>13</sup> Intel® Wi-Fi 6 AX200 and Bluetooth® 5 Combo: not available in all regions.
- <sup>14</sup> HP USB Business Slim Antimicrobial Keyboard and Antimicrobial USB Mouse not available in China.
- <sup>15</sup> Absolute Persistence module: Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
- <sup>16</sup> HP Support Assistant: requires Windows and Internet access.
- <sup>17</sup> Ivanti Management Suite: subscription required.
- <sup>18</sup> HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- <sup>19</sup> HP USB Hardened Mouse, HP PS/2 Mouse, HP USB and PS/2 Washable Mouse: are not available in all regions.
- <sup>20</sup> AMD® PRO manageability – DASH including KVM Redirection Profile with hardware enforcement (BIOS level only).
- <sup>21</sup> HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.
- <sup>22</sup> HP Client Security Manager Gen7 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.
- <sup>23</sup> HP Sure Start for AMD is available on select HP PCs with AMD processors. See product specifications for availability.
- <sup>24</sup> HP Sure Recover Gen3: See product specifications for availability. Requires an open, wired network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
- <sup>25</sup> HP Sure Click requires Windows 10 Pro or Enterprise. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.
- <sup>26</sup> HP Drive Lock is not supported on NVMe drives.
- <sup>27</sup> Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified): 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).
- <sup>28</sup> 150 W external power adapter, up to 89% efficiency, active PFC: when ordered with a discrete graphics card.
- <sup>29</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>30</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>31</sup> Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- <sup>32</sup> One Type A SuperSpeed USB 5Gbps with wake from keyboard.
- <sup>33</sup> HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.
- <sup>34</sup> 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- <sup>35</sup> Molded pulp cushions are made from 100% recycled wood fiber and organic materials.
- <sup>36</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- <sup>37</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>38</sup> HP Wolf Pro Security Edition is available preloaded on select HP PCs and includes HP Sure Click Pro and HP Sure Sense Pro. 3-year license required. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: [https://h20670.www3.hp.com/e-commerce/common/disclaimer.do#EN\\_US](https://h20670.www3.hp.com/e-commerce/common/disclaimer.do#EN_US) as modified by the following: "7. Term, unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for thirty-six (36) months thereafter ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support." HP Wolf Pro Security Edition is optimized for the SMB environment and ships pre-configured - manageability is optional. The HP Wolf Pro Security Edition supports a limited tool set that can be used by the HP Manageability Integration Kit which can be downloaded from <http://www.hp.com/go/clientmanagement>.

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