ProductSheet

# HP EliteDesk 800 G8 Small Form Factor PC (42T09EA)

## Optimized for expandability

The HP EliteDesk 800 Small Form Factor delivers uncompromising performance, expandability, and reliability in a space-saving design. Equipped with a powerful 11th Gen Intel® Processor[2], speedy storage, and memory, this is the right PC for big jobs performed in smaller workspaces.



**Speedy storage, and agile memory**
Blaze through your to-do list with a powerful 11th Gen Intel® processor[2], speedy storage, and agile memory.

**Easy expandability**
Get expandability for the future with four bays, four half-height slots, and 11 USB ports.

**Work with peace of mind**
HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.[5]

### Featuring

**Windows 10 Pro**
Work anywhere without compromising on performance or security with Windows 10 Pro. FREE upgrade to Windows 11 when available. [1]

**HP Sure Sense**
Malware is evolving rapidly and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.

**Fast and efficient wireless LAN**
The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6. [3]

**Protect critical security processes**
Keep your critical applications and processes running even if malware tries to shut them down with the self-healing protection of HP Sure Run.

**Browse confidently**
Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click. [4]

## Specifications

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|---|---|
| **Form factor** | Small form factor |
| **Operating system** | Windows 10 Pro[1]<br>*(Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)* |
| **Processor family** | 11th Generation Intel® Core™ i5 processor |
| **Processor** | Intel® Core™ i5-11500 (2.7 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores)[6,7] |
| **Processor technology** | Intel® Core™ i5 with vPro® Technology |
| **Chipset** | Intel® Q570 (vPro®)[4] |
| **Memory** | 16 GB DDR4-2933 MHz RAM (1 x 16 GB) |
| **Memory Slots** | 4 DIMM |
| **Internal Storage** | 512 GB PCIe® NVMe™ TLC M.2 SSD |
| **Internal drive bays** | One 2.5" HDD; Two 3.5" HDD convertible to 2.5" HDD |
| **External drive bays** | 1 slim ODD |
| **Graphics** | Integrated |
| **Graphics (integrated)** | Intel® UHD Graphics 750 |
| **Audio** | Realtek ALC3205 codec, universal audio jack with CTIA and OMTP headset support |
| **Dimensions (W x D x H)** | 33.8 x 30.8 x 10 cm |
| **Weight** | 6.13 kg<br>*(Exact weight depends on configuration.)* |
| **Package dimensions (W x D x H)** | 39.9 x 49.9 x 23 cm |
| **Package weight** | 9 kg |
| **Keyboard** | HP Wired Desktop 320K Keyboard |
| **Pointing device** | HP Wired Desktop 125 Mouse |
| **Ports** | 1 SuperSpeed USB Type-A 5Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 20Gbps signaling rate |
| **Expansion slots** | 1 M.2 2230; 2 PCIe 3 x1; 1 PCIe 3 x16 (wired as x4); 2 M.2 2280; 1 PCIe 4 x16<br>*(1 M.2 2230 slot for WLAN and 2 M.2 2280 slots for storage)* |
| **Ports** | 1 audio-out; 1 RJ-45; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4; 3 USB Type-A 480 Mbps signaling rate |
| **Network interface** | Integrated Intel® I219LM GbE LOM |
| **Network interface type** | WLAN |
| **Wireless** | Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5.2 wireless card, vPro® |
| **Ecolabels** | EPEAT® registered |
| **Energy star certified** | ENERGY STAR® certified |
| **Management features** | HP Client Catalog (download); HP Driver Packs (download); HP Cloud Recovery; HP Image Assistant (download); HP Manageability Integration Kit for Microsoft System Center Configuration Management Gen4 (download); HP Client Management Script Library (download); Ivanti Management Suite (download)[22,23,24,32] |
| **Sustainability specifications** | Ocean-bound plastic in speaker enclosure; 40% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low Halogen; Bulk packaging available; 80 Plus® Platinum power supplies available; Outside box and corrugated cushions are 100% sustainably sourced and recyclable |
| **Security management** | Power-on password (via BIOS); SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; USB enable/disable (via BIOS); Serial enable/disable (via BIOS); Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); HP Secure Erase; HP Sure Click; HP Sure Sense; Absolute Persistence module; HP DriveLock and Automatic DriveLock; HP Sure Start Gen6; HP BIOsphere Gen6; HP Sure Admin; HP Client Security Manager Gen7; HP Sure Recover Gen4; HP Sure Run Gen4; HP Tamper Lock; BIOS Update via Network; HP Wake on WLAN; Solenoid lock and Intrusion Sensor (Optional)[13,25,26,27,28,29,30,31,33,41,43,44,45] |
| **Software included** | HP Noise Cancellation Software; HP Notifications; HP Setup Integrated OOBE Win10; HP Support Assistant; HP Connection Optimizer; HP Privacy Settings; HP PC Hardware Diagnostics Windows; HP Desktop Support Utilities; MyHP; HP QuickDrop; HP Easy Clean; Touchpoint Customizer for Commercial; HP Setup Integrated OOBE; HP Presence Aware; HP PC Hardware Diagnostics; Buy Microsoft Office (sold separately); Microsoft Defender[11,12,21,34,47] |

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| **UPC number** | (AB9) 196068434281; (ABE) 196068523251; (ABT) 196188986349 |
| **Manufacturer 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. |

## Top Recommended Displays, Accessories and Services

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|---|---|
| **Memory** | |
| HP 16GB DDR4-3200 DIMM | 13L74AA |
| HP 8GB DDR4-3200 DIMM | 13L76AA |
| **Wired Combo** | |
| HP Wired Desktop 320MK Mouse and Keyboard | 9SR36UT |

## Messaging Footnotes

[1] Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).

[2] 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, branding and/or naming is not a measurement of higher performance.

[3] 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 PC to communicate with other 802.11ax devices. Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[4] HP Sure Click 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.

[5] HP Wolf Security for Business requires Windows 10, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.

## 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.

[4] For full Intel® vPro® functionality, Windows 10 Pro 64 bit, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or WLAN card and TPM 2.0 are required. Some functionality requires additional 3rd party software in order to run. See http://intel.com/vpro

[6] 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.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

[11] HP Connection Optimizer requires Windows 10.

[12] HP Quick Drop requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.

[13] HP Sure Admin requires Windows 10, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[21] HP Support Assistant: Requires Windows and Internet access.

[22] HP Driver Packs: Not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.

[23] 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.

[24] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement.

[25] HP Sure Sense requires Windows 10 Pro or Enterprise.

[26] 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.

[27] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[28] HP Sure Run Gen4 is available on select HP PCs and requires Windows 10.

[29] HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

[30] HP Client Security Manager Gen7 requires Windows and is available on select HP Elite and Pro PCs.

[31] HP Sure Start Gen6 is available on select HP PCs with Intel processors.

[32] Ivanti Management Suite subscription required.

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