



HP ELITEDESK 800 G8

DESKTOP MINI PC

Develop winning presentations, crunch big numbers, and quickly create compelling content with the enterprise-class power, performance, and security of the versatile, adaptable, and ultrasmall HP EliteDesk 800 G8 Desktop Mini.

- ▶ World's most secure and manageable PCs¹
- ▶ World's smallest and most powerful USFF business PC²
- ▶ World's most configurable business-class USFF³
- ▶ World's highest performance VR-capable Discrete Graphics option offered in a USFF business PC⁴

DESIGNED FOR



Home/Office
Navigators



Creative Pros

BIG PERFORMANCE & ADAPTABILITY FOR SMALL SPACES

Built for the hybrid workplace

Focus on what matters with the whisper quiet and ultrasmall HP EliteDesk 800 DM. Mount it behind your monitor or inside the HP Mini-in-One 24 Display⁵ in your home office or in smaller workspaces.

Create and do more

Unleash your creativity with our only VR-capable Desktop Mini. Work uninterrupted with an 11th Gen Intel® Core™ processor⁶, optional NVIDIA® GTX 1660Ti graphics,⁷ and the extraordinary tools of the NVIDIA® Studio.⁸ Enjoy the ultimate immersive experience on up to seven monitors.⁹

Sustainably made

This PC uses 5% ocean-bound plastics¹⁰ in the speaker enclosure, front bezel I/O strip, and front bezel frame. It comes in 100 percent sustainably sourced molded pulp packaging¹¹ and is ENERGY STAR® certified and EPEAT® registered in 19 countries.¹²

Security

Security features from HP work together to create 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.

- HP Tamper Lock¹³
- HP Client Security Manager Gen7¹⁴
- HP Sure Click¹⁸
- HP Sure Run¹⁷
- HP Sure Sense¹⁵
- HP Sure Recover¹⁶



Built to be paired with HP-branded displays and accessories

RECOMMENDED ACCESSORIES



HP Slim Wireless Keyboard
and Mouse



HP Mini-In-One 24 Display



HP Reverb G2 Virtual
Reality Headset



HP B300 and Power
Supply Holder



HP Port Flex IO v2 Modules
(DisplayPort™ 1.4; HDMI; VGA; SuperSpeed USB Type-C® 10Gbps
(100W Power Delivery, alternate mode DisplayPort™))

HP EliteDesk 800 G8 Desktop Mini PC

Processor/Chipset	11th Gen Intel® Core™ up to Core™ ¹⁹ i9 35W Processors ⁶ and Core™ i7 65W Processors, ⁶ Intel® Q570, Intel® vPro® standard ²⁰
Form Factor	Desktop Mini
Maximum Memory	64 GB DDR4-3200 SDRAM ²¹ Transfer rates up to 3200 MT/s. Both slots are customer accessible/ upgradeable. Supports dual channel memory
Memory Slots	2 SODIMM
Internal Storage	Up to 2TB PCIe® NVMe™ TLC M.2 SSD Up to 512GB PCIe® NVMe™ SED Opal2 TLC M.2 SSD Up to 512GB PCIe® NVMe™ M.2 SSD Up to 512GB Intel® Optane™ Memory H10 with Solid State Storage Up to 2TB SATA HDD; 500GB SATA SED Opal2 HDD 500GB SATA SED FIPS HDD – support Gen4 SSD on TLC M.2 SSD only ^{22,2}
Graphics	Integrated: Intel® UHD Graphics 750; Intel® UHD Graphics 730 (Integrated graphics will depend on processor) Discrete (Graphics Card): NVIDIA® GeForce® GTX 1660 Ti 6GB 3mDP+Micro HDMI ¹⁹
Expansion Slots	1 M.2 2230 (for WLAN), 2 M.2 2280 (for SSD storage - one with Gen4 SSD)
Ports & Connectors	Front: (1) SuperSpeed Type-C® USB 20Gbps signaling rate; (1) SuperSpeed Type-A™ USB 10Gbps signaling rate; (1) SuperSpeed Type-A™ USB 5Gbps signaling rate (charging); (1) 1 headphone/microphone combo Rear: (2) SuperSpeed Type-A USB 10Gbps and (2) SuperSpeed Type-A USB 5Gbps. Optional Flex I/O Port 1— choose one of the following options: VGA, HDMI 2.0b, DisplayPort™ 1.4, SuperSpeed Type-C® USB 10Gbps w/ DisplayPort™ Alt Mode and up to 100W power intake, Fiber NIC – 1Gbps or 100Mbps, 2.5GbE Ethernet NIC (RJ-45 Port), Dual SuperSpeed Type A USB 5Gbps signaling rate, Serial, ²⁴ Thunderbolt™ 3 with USB4.0 ²⁴ Optional Flex I/O Port 2— choose one of the following options: Serial, NVIDIA® GeForce® GTX 1660 Ti 6GB 3 mDP+Micro HDMI, Dual Hi-Speed Type A USB 480Mbps signaling rate; Second external antenna
Drive Bays	One 2.5" HDD ²⁴
Communications	LAN: Integrated Intel® I219LM GbE LOM WLAN: Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, non-vPro® ²⁵ ; Intel® AX201 Wi-Fi 6 ² (2x2) and Bluetooth® 5 combo, vPro® ^{20, 25} ; Realtek RTL8852AE 802.11ax 2x2 Wi-Fi® 6+ Bluetooth® 5 combo ²⁶
Security/Manageability	Support for chassis padlocks and cable lock devices; HP Tamper Lock ¹³ ; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10. Common Criteria EAL4+ Certified; SATA port disablement (via BIOS); Serial, USB enable/disable (via BIOS); Power-on password (via BIOS); Setup password (via BIOS); HP Sure Start Gen6, ²⁷ HP Sure Recover Gen4, ¹⁶ HP BIOSphere Gen6, ²⁸ HP Client Security Manager Gen7; HP Secure Erase ³⁰ ; HP Sure Sense, ¹⁵ HP Sure Click, ¹⁸ HP Sure Run Gen4 ¹⁷ ; HP Sure Admin ²⁹ ; HP Management Integration Kit Gen7 ¹⁴
Durability, Sustainability & Sanitization	Undergoes 13 MIL-STD 810H tests ³¹ ; HP Total Test Process ³² ENERGY STAR®, EPEAT® Gold in the US ¹² Front bezel I/O strip, and front bezel frame and Speaker enclosure made from 5% ocean-bound plastics ¹⁰ Outer box packaging is 100% sustainably sourced. ¹¹ High-touched exterior surfaces can be wiped down using common household disinfecting and cleaning wipes. ³³
Power	90W/120W/180W external power adapter
Dimensions	177 x 175 x 34 mm; 6.97 x 6.89 x 1.35 in
Weight	1.42 kg; 3.13 lb (Exact weight depends on configuration)



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1. World's most secure and manageable PCs: Based on HP's unique and comprehensive security capabilities at no additional cost and HP's Manageability Integration Kit's management of every aspect of a PC including hardware, BIOS and software management using Microsoft System Center Configuration Manager on HP Elite PCs and HP Workstations with Windows and 8th Gen and higher Intel® processors or AMD Ryzen™ 4000 processors and higher.
2. Based on business class USFF desktops having less than 2 liters in volume, with Intel or AMD Pro processors, integrated VESA mount and VGA, 6 USB Ports, Windows 10 Pro, and TPM. Smallest based on volume, most powerful based on highest wattage processor, graphics and memory as of April 2021.
3. Based on business class USFF desktops having less than 2 liters in volume, with 11th Gen Intel processors, integrated VESA mount and VGA, 6 USB Ports, Windows 10 Pro, and TPM. Most configurable based on number of configurable port options as of April 2021.
4. Based on business class USFF desktops having less than 2 liters in volume, with Intel or AMD Pro processors, integrated VESA mount and VGA, 6 USB Ports, Windows 10 Pro, and TPM and optional VR capable discrete graphics as of April 2021.
5. 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.
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. Optional feature that must be configured at the time of purchase, and only available on 35W processor.
8. Drivers downloadable from <https://www.nvidia.com/>
9. Seven displays sold separately and only supported on 35W processor model configured with an NVIDIA GTX 1660Ti graphics card at the time of purchase.
10. Front bezel I/O strip, and front bezel frame and Speaker enclosure contain 5% ocean-bound plastics by weight.
11. Molded Pulp cushions made from 100% recycled wood fiber and organic materials.
12. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
13. HP Tamper Lock requires a supervisor password be established prior to use.
14. HP Client Security Manager Gen6/Gen7 requires Windows and is available on the select HP Elite and Pro PCs.
15. HP Sure Sense requires Windows 10.
16. HP Sure Recover Gen4 is available on select HP PCs and requires an open 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.
17. HP Sure Run Gen4 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.
18. HP Sure Click requires Windows 10 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.
19. Optional feature that must be configured at the time of purchase, and only available on 35W processor.
20. 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>
21. For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. Memory modules support data transfer rates up to 2666 MT/s, 2933 MT/s or 3200 MT/s as depending on processor config; with 1 DIMM per channel. Additional DIMM loading on any channel may impact maximum memory speed. Actual data rate is determined by the system's configured; See processor specifications for supported memory data rate.
22. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) of disk is reserved for system recovery software.
23. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Requires 8th Gen or higher Intel® Core™ processor, BIOS version with Intel® Optane™ supported, Windows 10 64-bit, and an Intel® Rapid Storage Technology (Intel® RST) driver.
24. Sold separately or as an optional feature.
25. Wireless access point and Internet service required and not included. Availability of public wireless access points limited.
26. 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.
27. HP Sure Start Gen6 is available on select HP PCs and requires Windows 10.
28. HP BIOSphere Gen6 requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.
29. HP Sure Admin requires Windows 10 and HP BIOS.
30. 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™.
31. MIL-STD 810H testing 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. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.
32. HP Total Test Process testing is not a guarantee of future performance under these test conditions. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.
33. 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.

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