



HP Elite Mini 800 G9 Desktop PC (68S64UT)

Overview

A desktop that can travel



The HP Elite Mini 800 Desktop PC delivers the high-performance needed to develop complex presentations, crunch big numbers, and quickly create compelling content. Equipped with a powerful Intel® Processor[2], responsive graphics, and smart deployment options, this is the right PC for big jobs done in small spaces.

Ultra-small. Big Punch

Get breakthrough performance with the latest Intel® processor[2] and responsive graphics.

Protected by HP Wolf Security

HP Wolf Pro Security Edition PCs interlace HP Sure Click Pro with HP Sure Sense Pro providing more in-depth coverage than the standard versions through a 1-year or 3-year user license with HP Support.[6] This creates a powerful, single solution that doesn't require an IT-managed PC environment.

Office and home deployment

Take the HP Elite Mini 800 home with you so you can stay productive in the hybrid work world.

[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.

[6] HP Wolf Pro Security Edition (including HP Sure Click Pro and HP Sure Sense Pro) is available preloaded on select SKUs and, depending on the HP product purchased, includes a paid 1-year or 3-year license. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as that EULA is 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 either a twelve (12) month or thirty-six (36) month license term ("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.

Specifications

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| Form factor | Mini |
| Operating system | Windows 11 Pro ^[1] |
| Processor family | 12th Generation Intel® Core™ i7 processor |
| Processor | Intel® Core™ i7-12700T (up to 4.7 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads) ^[6,7] |
| Chipset | Intel® Q670 (vPro®) ^[3] |
| Memory | 16 GB DDR5-4800 MHz RAM (1 x 16 GB) |
| Memory Slots | 2 SODIMM |
| Internal Storage | 512 GB PCIe® NVMe™ TLC SSD |
| Internal drive bays | One 2.5" HDD |
| Graphics | Integrated |
| Graphics (integrated) | Intel® UHD Graphics 770 |
| Audio | Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support |
| Minimum dimensions (W x D x H) | 17.7 x 17.5 x 3.4 cm |
| Minimum dimensions (W x D x H) | 6.97 x 6.89 x 1.35 in |
| Weight | 1.42 kg (Exact weight depends on configuration.) |
| Weight | 3.13 lb (Exact weight depends on configuration.) |
| Keyboard | HP Wired Desktop 320K Keyboard |
| Pointing device | HP 125 Wired Mouse |
| Ports | 1 headset connector; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-C® 20Gbps signaling rate |
| Expansion slots | 1 M.2 2230; 2 M.2 2280 (1 M.2 2230 slot for WLAN and 2 M.2 2280 slots for storage) |
| Ports | 1 external antenna connector; 1 power connector; 1 RJ-45; 3 SuperSpeed USB Type-A 10Gbps signaling rate; 2 DisplayPort™ 1.4; 1 HDMI 2.1 |
| Ports | 1 DisplayPort™ |
| Package dimensions (W x D x H) | 49.8 x 13.2 x 23.5 cm (Packaging material used will vary by Country) |
| Package weight | 2.95 kg |
| Network interface type | WLAN |
| Wireless | Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate) |
| Power | 90 W external power adapter, up to 89% efficiency, active PFC |
| Ecolabels | EPEAT® registered |

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| Energy star certified | ENERGY STAR® certified |
| Management features | HP Client Catalog (download); HP Driver Packs (download); HP Image Assistant (download); HP Client Management Script Library (download); HP Connect for Microsoft Endpoint Manager; HP Manageability Integration Kit (download); HP Patch Assistant (download) ^[18,19,20] |
| Security management | 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 Sure Admin; HP BIOSphere Gen6; HP Client Security Manager Gen7; HP Tamper Lock; HP Sure Start Gen7; HP Sure Run Gen5; HP Sure Recover Gen5 ^[25,26,27,28,29,30,31,32,33,34] |
| Software included | HP Notifications; HP PC Hardware Diagnostics UEFI; 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 Easy Clean Keyboard Driver; HSA Fusion for Commercial; HSA Telemetry for Commercial ^[21,22,23] |

Additional specifications

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| Additional information about HP in the countries | hp.com |
| Available software | HP Smart Support ^[24] |
| Bluetooth version | Bluetooth® 5.2 |
| Datasheet photo 1 | AHID/c0c903d3cfb2dc1bfb73ce876eae3a4f3f8f33b |
| Datasheet photo 3 | AHID/42db6a0814a51239e3b5e2382ff3d0c25a934c0a |
| Datasheet photo 4 | AHID/cd38781502ebb0d37f699426b489f8a1463538d9 |
| Datasheet photo 5 | AHID/fbf1cec75535241094f46d287557c56f2170a6b3 |
| External I/O ports footnote number | [35] |
| Graphic card footnote number | [13,14] |
| I/O Port location | Rear |
| I/O Port location | Front |
| Keyboard color | black |
| Keyboard connectivity | wired |
| Keyboard interface | USB |
| Legal tagline | HP recommends Windows 11 Pro for business |
| Memory and storage | 16 GB memory; 512 GB SSD storage |
| Memory layout (slots & size) | 1 x 16 GB |
| Memory module type | SODIMM |
| Memory size | 16 |
| Memory size uom | GB |
| Memory speed | 4800 |
| Memory speed uom | MHz |
| Memory type | DDR5 |
| Number of memory slots | 1 |
| Operating humidity range | 10 to 90% RH |
| Operating temperature range | 10 to 35°C |
| Operating temperature range | 50 to 95°F |
| Package dimensions (W x D x H) | 19.6 x 5.2 x 9.3 in |
| Package weight | 6.49 lb |
| Processor Brand | Intel® |
| Processor base frequency | 1.4 |
| Processor cache | 25 MB L3 |
| Processor core | 12 |
| Processor family | Core™ i7 |

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| Processor frequency UOM | GHz |
| Processor frequency technology | Intel® Turbo Boost Technology |
| Processor generation | 12th Generation |
| Processor maximum frequency | 4.7 |
| Processor maximum frequency uom | GHz |
| Processor model | 12700T |
| Processor threads | 20 |
| Product brand name | HP |
| Product long name specifications | HP Elite Mini 800 G9 Desktop PC, Windows 11 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD |
| Product short name specifications | HP Elite Mini 800 G9 Desktop PC, Intel® Core™ i7, 16GB RAM, 512GB SSD |
| Security Software Licenses | HP Wolf Pro Security Edition (1 year) |
| Standard memory note | Transfer rates up to 4800 MT/s. |
| Storage capacity | 512 |
| Storage capacity uom 01 | GB |
| Storage interface 01 | PCIe® |
| Storage interface protocol 01 | NVMe™ |
| Storage memory technology 01 | TLC |
| Storage type | SSD |
| Storage type 01 | SSD |
| UNSPSC code | 43211507 |
| Wireless Model | Wi-Fi 6E AX211 |
| Wireless antenna | 2x2 |
| Wireless standard | Wi-Fi 6E |
| Wireless supplier | Intel® |
| Wireless transfer speeds | Supporting Gigabit data rate |
| vPro enabled | vPro® |

[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>.

[3] 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.

[18] HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection required.

[19] HP Patch Assistant available on select HP PCs with the HP Manageability Kit that are managed through Microsoft System Center Configuration Manager. HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html> .

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

[21] myHP requires Windows OS.

[22] 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.

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

[24] HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit <http://www.hp.com/smart-support> .

[25] Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: <https://www.absolute.com/about/legal/agreements/absolute/> .

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

[27] HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

[28] HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.

[29] HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 and higher must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.

[30] HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher

[31] HP Sure Admin requires Windows 10 or higher, 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.

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

[33] HP BIOSphere Gen6 features may vary depending on the platform and configuration.

[34] 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™.

PC Drives and Storage

★ : Recommended

PC Solid State Drives

1TB PCIe 4x4 NVMe TLC SSD

406L7AA ★

512GB PCIe 4x4 NVMe TLC SSD

406L8AA

PC SATA Hard Drives

HP Desktop Mini 2.5-inch SATA Drive Bay kit v2

13L70AA

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP 655 Wireless Keyboard and Mouse Combo

4R009AA ★

HP Wired Desktop 320MK Mouse and Keyboard

9SR36AA ★

HP 225 Wired Mouse and Keyboard Combo

286J4AA ★

HP 225 Wired Mouse and Keyboard Combo

286J4UT

HP Wired Desktop 320MK Mouse and Keyboard

9SR36UT

Keyboards

HP 125 USB WD KBD (Bulk 12)

266C9A6

HP 125 Wired Keyboard

266C9AA

HP 125 Wired Keyboard

266C9UT

HP 455 Programmable Wireless Keyboard

4R177AA

HP Business Slim Smartcard Keyboard

Z9H48AA

HP Wired Desktop 320K Keyboard

9SR37AA

HP Wired Desktop 320K Keyboard

9SR37UT

HP Wired Desktop 320K Keyboard (Bulk12)

9SR37A6

Mice

HP 125 Wired Mouse

265A9AA

HP 125 Wired Mouse

265A9UT

HP 125 Wired Mouse (Bulk120)

265A9A6

HP 128 LSR WRD Mouse (Bulk120)

265D9A6

HP Wired Desktop 320M Mouse

9VA80AA

HP Wired Desktop 320M Mouse

9VA80UT

PC Modules

PC I/O Modules

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| HP Desktop Mini DVD ODD Module | K9Q83AA ★ |
| HP Desktop Mini DVD ODD Module | K9Q83AT |

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

Mounting Kits

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| HP Desktop Mini Dual VESA Sleeve v3 with PSH | 13L68AA ★ |
| HP B250 PC Mounting Bracket | 8RA46AA |
| HP B250 PC Mounting Bracket | 8RA46AT |
| HP B300 PC Mounting Bracket | 2DW53AA |
| HP B300 PC Mounting Bracket | 2DW53AT |
| HP B500 PC Mounting Bracket | 2DW52AA |
| HP Desktop Mini Dual VESA Sleeve v3 with PSH | 13L68AT |
| HP Quick Release Bracket 2 | 6KD15AA |
| HP Quick Release Bracket 2 | 6KD15AT |

Graphics Cards

Graphics Connectors/Adapters

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|------------------------|------------------|
| HP HDMI to VGA Adapter | H4F02AA ★ |
| HP HDMI to VGA Adapter | H4F02UT |

Chassis and Chassis Accessories

Brackets/Bezels/Panels

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| HP B300 Bracket with Power Supply Holder | 7DB37AA ★ |
| HP B300 Bracket with Power Supply Holder | 7DB37AT |
| HP DM Power Supply Holder Kit v2 | 7DB38AA |
| HP DM Power Supply Holder Kit v2 | 7DB38AT |

Security and Protection

PC Locks

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| HP Desktop Mini LockBox V2 | 3EJ57AA ★ |
| HP Desktop Mini LockBox V2 | 3EJ57AT |
| HP Keyed Cable Lock 10 mm | T1A62AA |
| HP Keyed Cable Lock 10 mm | T1A62UT |
| HP Master Keyed Cable Lock 10mm | T1A63AA |

Cases and Covers

Covers

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| HP Desktop Mini Port Cover v3 | 13L69AA |
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Batteries/Chargers/Adapters

Power Supplies

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| HP Desktop Mini 90w Power Supply Kit | L4R65AA |
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Cabinets and Stands

PC Stands

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| HP Desktop Mini Chassis Tower Stand | G1K23AA |
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Cables/Cable Kits/Cable Adapters

Audio and Video Cables

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| HP DisplayPort Cable Kit | VN567AA |
| HP DisplayPort to DVI-D Adapter | FH973AA |
| HP DisplayPort to DVI-D Adapter | FH973AT |

PC Cable Options

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| HP HDMI Standard Cable | T6F94AA |
| HP HDMI Standard Cable | T6F94AT |

Cable Adapters

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| HP USB-C to DP Adapter | N9K78AA |
| HP USB-C to DP Adapter | N9K78UT |

Expansion Solution and Controller Cards

Port Adapters

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|--------------------------------|---------|
| HP DisplayPort Port Flex IO v2 | 13L54AA |
| HP DisplayPort Port Flex IO v2 | 13L54AT |
| HP HDMI Port Flex IO v2 | 13L55AA |
| HP HDMI Port Flex IO v2 | 13L55AT |
| HP Serial Port Flex IO v2 | 13L56AA |

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| HP Serial Port Flex IO v2 | 13L56AT |
| HP Serial Port Flex IO v3 | 5B895AA |
| HP Thunderbolt 3.0 Flex IO v3 | 440A5AA |
| HP Type-C USB 3.1 Gen2 Port with 100W PD v2 | 13L60AA |
| HP USB to Serial Port Adapter | J7B60AA |
| HP VGA Port Flex IO v2 | 13L53AA |

Audio/Multimedia and Communication Devices

Speakers

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| HP S101 Speaker Bar | 5UU40AA |
| HP S101 Speaker Bar | 5UU40AT |

Headsets

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| HP Stereo 3.5mm Headset G2 | 428K7AA |
| HP Stereo 3.5mm Headset G2 | 428K7UT |

Business Monitors

★ : Recommended

E-Series

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| HP E27d G4 QHD USB-C Docking Monitor | 6PA56A4 ★ |
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Z Displays

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| HP Z24u G3 WUXGA USB-C Display | 1C4Z6AA |
| HP Z25xs G3 QHD USB-C DreamColor Display | 1A9C9AA |
| HP Z27k G3 4K USB-C Display | 1B9T0AA |
| HP Z27u G3 QHD Display | 1B9X2AA |
| HP Z27xs G3 4K USB-C DreamColor Display | 1A9M8AA |
| HP Z34c G3 WQHD Curved Display | 30A19AA |

HP Care Pack Services

★ : Recommended

Personal Systems Commercial Care Pack Services

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| HP 1 Year SmartFriend Pro Software Support | U35R1E |
| HP 1 year Wolf Protect and Trace Hardware Support | U05GKE |
| HP 2 year Wolf Protect and Trace Hardware Support | U05GLE |
| HP 3 Year SmartFriend Pro Software Support | U35R2E |
| HP 3 year Active Care Next Business Day Onsite Desktop Hardware Support | U17ZGE |
| HP 3 year Active Care Next Business Day Onsite w/Defective Media Retention DT HW Supp | U18HCE |
| HP 3 year Data Recovery Desktop Hardware Support | UE372E |
| HP 3 year Data Recovery-OS Restore Onsite (6 calls) (Promo) Desktop Hardware Support | U9AN7E |
| HP 3 year Wolf Protect and Trace Hardware Support | U05GME |
| HP 3y Active Care/Wolf Protect and Trace Next Bus Day Response Onsite (models 2021+) DT HW Supp | U05HME |
| HP 4 year Active Care Next Business Day Onsite Desktop Hardware Support | U18H9E |
| HP 4 year Active Care Next Business Day Onsite w/Defective Media Retention DT HW Supp | U18HDE |
| HP 4 year Wolf Protect and Trace Hardware Support | U05GNE |
| HP 4y Active Care/Wolf Protect and Trace Next Bus Day Response Onsite (models 2021+) DT HW Supp | U05HNE |
| HP 5 year Active Care Next Business Day Onsite Desktop Hardware Support | U18HBE |
| HP 5 year Active Care Next Business Day Onsite w/Defective Media Retention DT HW Supp | U18HFE |
| HP 5 year Wolf Protect and Trace Hardware Support | U05GQE |
| HP 5y Active Care/Wolf Protect and Trace Next Bus Day Response Onsite (models 2021+) DT HW Supp | U05HQE |

Personal Systems Hardware Support Onsite Service

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| HP 1 year Post Warranty Next Business Day Onsite w/Defective Media Retention DT HW Supp | HP710PE |
| HP 1 year Post Warranty Next Business Day Response Onsite Desktop Hardware Support | U5864PE |
| HP 3 year Next Bus Day Onsite w/Accidental Damage Protection/Defective Media Retention DT HW Supp | U9WV8E |
| HP 3 year Next Business Day Onsite Optional CSR DT/WS Desktop Hardware Support | UE379E |
| HP 3 year Next Business Day Onsite w/Accidental Damage Protection Desktop HW Supp | U0A84E |

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| HP 3 year Next Business Day Onsite w/Defective Media Retention Desktop HW Supp | UE332E |
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| HP 4 year Next Bus Day Onsite w/Accidental Damage Protection/Defective Media Retention DT HW Supp | U9WV9E |
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| HP 4 year Next Business Day Onsite Desktop Hardware Support | U7897E |
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| HP 4 year Next Business Day Onsite w/Accidental Damage Protection Desktop HW Supp | U0A85E |
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| HP 4 year Next Business Day Onsite w/Defective Media Retention Desktop HW Supp | UE333E |
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| HP 5 year Next Bus Day Onsite w/Accidental Damage Protection/Defective Media Retention DT HW Supp | U9WW0E |
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| HP 5 year Next Business Day Onsite Desktop Hardware Support | U7899E |
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| HP 5 year Next Business Day Onsite w/Accidental Damage Protection Desktop HW Supp | UF236E |
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| HP 5 year Next Business Day Onsite/DMR Desktop Hardware Support | UE334E |
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HyperX Gaming Peripherals

HyperX Gaming Headsets

★ : Recommended

HyperX Cloud Headsets SC

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| HyperX Cloud Core + 7.1 - Gaming Headset (Black) | 4P4F2AA |
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HyperX Cloud Flight Headsets SC

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| HyperX Cloud Flight - Wireless Gaming Headset (Black-Red) | 4P5L4AA |
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HyperX Cloud MIX Headsets SC

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| HyperX Cloud MIX - Gaming Headset (Black-Gunmetal) | 4P5K9AA |
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HyperX Cloud Stinger Headsets SC

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| HyperX Cloud Stinger Core - Gaming Headset (Black) | 4P4F4AA |
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HyperX Microphones

HyperX SoloCast Microphones SC

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| HyperX SoloCast - USB Microphone (Black) | 4P5P8AA |
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