

HP Elite Mini 805 G8 Desktop PC

Make big impressions with a Mini PC

The highly secure and easily managed HP Elite Mini 805 features a powerful AMD Ryzen™ processor², and configuration options to fit your budget. This compact, high-performance PC fits easily into home or office workspaces with HP Run Quiet Design acoustics to help you focus.

Multiple deployment options

Save space on your desk by mounting the whisper quiet HP Elite Mini 805 with an optional VESA sleeve³ or power it with a single cable connection to an optional HP 7 Pro Series display⁴ with built in collaboration features.

Powered to thrive

Enjoy the solid desktop performance provided by an AMD Ryzen™ processor², up to 64 GB of DDR4 memory³, and up to 11 USB ports that let you connect the devices you need to stay productive throughout the day.

Protected by HP Wolf Security

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



*Product image may differ from actual product

Sustainability in action

Help protect our shared future

This PC uses five percent ocean-bound plastics in the speaker enclosure and front bezel I/O strip.⁶ It comes in 100 percent recycled molded pulp outer packaging⁷ and is ENERGY STAR® certified and EPEAT® registered in 25 countries.⁸



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Featuring

Work hard without sounding like it

Focus on work while enjoying whisper quiet operation. The HP Elite Mini 805 utilizes HP Run Quiet Design that finely tunes the fans to keep systems running quiet and cool.

Agile performance

Quickly access and transfer data to keep up with today's changing business requirements with advanced PCIe Gen 4 SSDs, USB Type-C®, and DDR4 memory.

Build an ecosystem

Customize your Mini solution with a range of exclusive accessories that secure and mount your Mini and its power supply on a monitor or wall.¹⁰

Automatic recovery from firmware attacks

Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start, the self-healing BIOS that automatically recovers itself from attacks or corruption.¹¹

Keep your PC's security protections in place

Stop unwanted changes to security settings and help limit the spread of malware with HP Sure Run which identifies, quarantines, and provides reporting on attackers trying to kill processes.¹²

Browse confidently

Help protect your PC from websites and read and edit Microsoft Word files and read-only PDF attachments with malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.¹³

Built-in durability

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.^{14,15,16}

Reliable connections

Improve connectivity in crowded wireless environments with HP Extended Range Wireless LAN.¹⁷

Recovery simplified

HP Sure Recover provides fast, secure, and automated recovery over a LAN or Wi-Fi® network connection.¹⁹

HP Sure Sense

Malware is evolving rapidly beyond traditional antivirus capabilities. Protect your PC against never-before-seen attacks with HP Sure Sense, which combines behavioral analysis with advanced AI techniques to provide exceptional protection.²⁰

Speed up the basics of IT management

HP Manageability Integration Kit helps speed up image creation and more through Microsoft Endpoint Manager.²¹



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Technical specifications

Available Operating Systems	Windows 11 Pro ¹ Windows 11 Pro Education ¹ Windows 11 Home - HP recommends Windows 11 Pro for business ¹ Windows 11 Home Single Language - HP recommends Windows 11 Pro for business ¹ FreeDOS
Processor family³	AMD Ryzen™ 3 PRO processor AMD Ryzen™ 5 PRO processor AMD Ryzen™ 5 processor AMD Ryzen™ 7 PRO processor AMD Ryzen™ 7 processor
Available Processors^{3,4}	AMD Ryzen™ 7 PRO 5750G with Radeon™ Graphics (3.8 GHz base clock, up to 4.6 GHz max boost clock, 16 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, 16 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, 8 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) AMD Ryzen™ 7 5700GE with Radeon™ Graphics (3.2 GHz base clock, up to 4.6 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) AMD Ryzen™ 5 5600GE with Radeon™ Graphics (3.4 GHz base clock, up to 4.4 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)
Chipset	AMD PRO 565
Form factor	Mini
Maximum memory	64 GB DDR4-3200 SDRAM; ⁵ Transfer rates up to 3200 MT/s.
Memory slots	2 SODIMM
Internal storage	256 GB up to 1 TB PCIe® NVMe™ M.2 SSD ⁶ 512 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD ⁶ up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD ⁶ up to 256 GB PCIe® NVMe™ SED Opal 2 M.2 SSD ⁶
Available Graphics	Integrated: AMD Radeon™ Graphics
Audio	Realtek ALC3867 codec, universal audio jack with CTIA 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 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate (1 fast charging); Rear: 2 USB Type-A 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4; 1 RJ-45; 1 power connector; 1 external antenna connector ⁷ ; Optional Ports: Flex IO port 2 - choose one of the following options: Dual USB 2.0 Type-A 480Mbps signaling rate, SerialS-232; Flex IO port 1 - choose one of the following options: DisplayPort™ 1.4, HDMI 2.1, 1 SuperSpeed USB Type-C® 10Gbps signaling rate (100 W Power Delivery, DisplayPort™1.2), 2 SuperSpeed USB Type-A 5Gbps signaling rate, VGA, 2.5 GbE Ethernet NIC ^{8,9,10,11}
Input devices	HP Wired Desktop 320K Keyboard; HP 125 Wired Keyboard; HP 125 Antimicrobial Wired Keyboard; HP 655 Wireless Keyboard and mouse combo; HP USB Business Slim Wired SmartCard CCID Keyboard ¹⁴ ; HP 125 Wired Mouse; HP 128 Laser Wired Mouse; HP 125 Antimicrobial Wired Mouse; HP Wired 320M Mouse ¹⁴
Communications	LAN: Realtek RTL8111FPH-CG GbE; WLAN: Realtek Wi-Fi 6 RTL8852BE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card; Realtek Wi-Fi 6 RTL8852BE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card with external antenna
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Software	HP Easy Clean ¹⁹ ; HP Desktop Support Utilities; HP Privacy Settings; HP Setup Integrated OOBE; HP Support Assistant ²⁰ ; HP Notifications; HP Connection Optimizer; HP Services Scan ²² ; Buy Microsoft Office (sold separately); Miro offer ²³
Security management	HP Wolf Security for Business ²⁴ ; HP Sure Click ²⁵ ; HP Sure Sense ²⁶ ; HP Sure Recover ²⁷ ; HP Sure Run ²⁸ ; HP Sure Admin ²⁹ ; HP Sure Start ³⁰ ; HP BIOSphere ³¹ ; HP Secure Erase ³² ; Absolute Persistence Module ³³ ; HP Power On Authentication ³⁴ ; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Tamper Lock ³⁵



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Management features	HP Patch Assistant (download) ¹⁷ HP Image Assistant (download) ¹⁵ HP Manageability Integration Kit (download) ¹⁶ HP Client Management Script Library (download) HP Driver Packs (download) HP Cloud Recovery ¹⁸ HP Client Catalog (download)
Power	65 W external power adapter, up to 89% efficiency, active PFC; 90 W external power adapter, up to 89% efficiency, active PFC
Dimensions	17.7 x 17.5 x 3.4 cm; 49.8 x 23.5 x 13.2 cm (Package)
Weight	1.45 kg; (Exact weight depends on configuration.)



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Footnotes

Messaging 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>.
- ² 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.
- ³ Sold separately or as an optional feature.
- ⁴ Monitor and mounting hardware sold separately or as an optional feature.
- ⁵ HP Wolf Security for Business requires Windows 10 Pro and higher, 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.
- ⁶ PC speaker enclosure and front bezel I/O strip components each made with 5% ocean-bound plastic.
- ⁷ 100% 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.
- ⁸ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
- ¹⁰ Sold separately or as an optional feature.
- ¹¹ HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
- ¹² HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.
- ¹³ HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
- ¹⁴ 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.
- ¹⁵ MIL STD 810 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. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- ¹⁶ Optional feature that must be configured at the time of purchase.
- ¹⁷ Based on internal testing of products with and without HP Extended Range Wireless LAN.
- ¹⁹ HP Sure Recover Gen5 is available on select HP PCs and requires Windows 10 and higher and an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.
- ²⁰ HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
- ²¹ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.

Specification Footnotes

- ³ 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.
- ⁴ Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- ⁵ 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.
- ⁶ For solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows) of system disk is reserved for the system recovery software.
- ⁷ One Type-A SuperSpeed USB 5 Gbps with wake from keyboard.
- ⁸ Only one option card can be configured at a time.
- ⁹ Sold separately or as an optional feature.
- ¹⁰ Availability depends on model.
- ¹¹ USB-C® Alt mode DisplayPort™ 1.2 with 100W Power Delivery required selected HP 7 Pro series monitors with 100W power delivery capability.
- ¹² 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.
- ¹³ 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.
- ¹⁴ HP 125 Antimicrobial Wired Keyboard and HP 125 Antimicrobial Wired Mouse are not available in China.
- ¹⁵ 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.
- ¹⁶ HP Manageability Integration Kit can be downloaded from: <https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools>.
- ¹⁷ 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 <https://www.hp.com/us-en/solutions/client-management-solutions.html>.
- ¹⁸ HP Cloud Recovery is available for Z by HP, HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, network connection. NOTE: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Details please refer to: https://support.hp.com/us-en/document/ish_4511095-4511141-16.
- ¹⁹ HP Easy Clean requires Windows 10 RS3 and will disable the keyboard, touchscreen, and clickpad only. Ports are not disabled. See user guide for cleaning instructions.
- ²⁰ HP Support Assistant is available on Windows. For more information, please visit <http://www.support.hp.com/help/hp-support-assistant>.
- ²² HP Services Scan is preinstalled and/or provided thru Windows Update and checks for service entitlement on each hardware device and downloads the HP Insights agent automatically. To disable this feature, please follow the instructions at <http://www.hpdaas.com/requirements>. The HP Insights agent is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. Select HP Workforce Solutions require an HP Insights agent for Windows, Mac, & Android, available for download at <https://admin.hp.com/software>. For full system requirements and services that require the agent, please visit <https://admin.hp.com/requirements>. The agent collects telemetry and analytics around devices and applications that integrate into the Workforce Experience platform and is not sold as a standalone service. Internet access with connection to the Workforce Experience platform is required. HP follows stringent GDPR privacy regulations, and the platform is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Not available in China.
- ²³ HP customers qualify for a 90 day trail of Miro, this offer ends September 2025. Complete terms and conditions are provided by Miro when accepting the offer.
- ²⁴ HP Wolf Security for Business requires Windows 10 or 11 Pro or higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features
- ²⁵ HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
- ²⁶ HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
- ²⁷ HP Sure Recover is available on select HP PCs and requires Windows 10 or 11 and an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
- ²⁸ HP Sure Run is available on select HP PCs and requires Windows 10 and higher.
- ²⁹ HP Sure Admin requires HP G8 or newer platforms, Windows 10 or higher, HP BIOS, HP Manageability Kit or KMS Service from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store
- ³⁰ HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
- ³¹ HP BIOSphere features may vary depending on the platform and configuration.
- ³² HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special Publication 800-88r "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.
- ³³ 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/>.
- ³⁴ Ensures that only authorized users can start up the PC or access the BIOS by requiring user authentication using a password prior to system start-up.
- ³⁵ HP Tamper Lock can be Enabled/disabled by customers or IT administrator with administrator authority.

