

HP Elite Mini 805 G8 Desktop PC

 **HP Smart Buy Plus**

Active

B05BPAT

Series →

Specifications

All Specs

Audio	Realtek ALC3867 codec, universal audio jack with CTIA headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
Chipset	AMD PRO 565
Ecolabels	EPEAT® registered
End of Life CO2e (kg)	0.8
Energy star certified	ENERGY STAR® certified
Expansion slots	1 M.2 2230; 2 M.2 2280
Expansion slots note	1 M.2 slot for WLAN and 2 M.2 2280 slots for storage.
External I/O ports footnote number	[7]
Form factor	Mini
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
I/O Port location	Rear
Keyboard	HP 125 Wired Keyboard
Manageability Features 1	HP Image Assistant (download)
Manageability Features 2	HP Manageability Integration Kit (download)
Manageability Features 3	HP Client Management Script Library (download)
Manageability Features 5	HP Driver Packs (download)
Manageability Features 6	HP Cloud Recovery
Manageability Features 7	HP Client Catalog (download)
Manageability Features footnote number 1	[15]

Manageability Features footnote number 2	[16]
Manageability Features footnote number 6	[18]
Management features	HP Patch Assistant (download)
Manufacturer Warranty	1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
Memory	16 GB DDR4-3200 MT/s (1 x 16 GB)
Memory and storage	16 GB memory; 512 GB SSD storage
Memory layout (slots & size)	1 x 16 GB
Memory Slots	2 SODIMM
Operating humidity range	10 to 90% RH
Operating system	Windows 11 Pro
Operating temperature range	50 to 95°F
Ports	1 HDMI 2.0
Power	65 W Smart external AC power adapter, up to 89% efficiency
Processor	AMD Ryzen™ 5 5600GE (up to 4.4 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)
Processor cache	16 MB L3
Processor core	6
Processor family	AMD Ryzen™ 5 processor
Production CO2e (kg)	107
Product long name specifications	HP Elite Mini 805 G8 Desktop PC, Windows 11 Pro, AMD Ryzen™ 5, 16GB RAM, 512GB SSD
Product short name specifications	HP Elite Mini 805 G8 Desktop PC, AMD Ryzen™ 5, 16GB RAM, 512GB SSD
Registration required	No
Security management	HP Tamper Lock
Security management footnote number	[35]
Software included	Miro offer
Software included footnote number	[23]

Standard memory note	Transfer rates up to 3200 MT/s.
Storage type	SSD
Total CO2e (kg)	200
Total CO2e (kg) note	A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.
Transportation CO2e (kg)	0.5
UNSPSC code	43211507
Wireless	Realtek Wi-Fi 6 RTL8852BE (2x2) and Bluetooth® 5.3 wireless card

Logistics

Dimensions (W x D x H)	17.7 x 17.5 x 3.4 cm
Package dimensions (W x D x H)	49.8 x 23.5 x 13.2 cm
Package weight	2.95 kg
UNSPSC code	43211507
UPC number	198701952824
Weight	1.45 kg
Weight note (metric)	Exact weight depends on configuration.

Specifications

- [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] 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.
- [7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- [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 (802.11ac) 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 trial 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.

Legal disclaimer

Product image may differ from actual product

[1] 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.

[3] 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.

[4] Firmware attacks can completely devastate your PC— stay protected with HP Sure Start11 self-healing BIOS.

[7] 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.

[8] Internet access required.

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