

HP EliteDesk 8 Mini G2i Desktop Next Gen AI PC

This Mini PC means business with powerful local AI

Boost productivity, reduce clutter, and help protect data with the compact AI-enhanced³ HP EliteDesk 8 Mini G2i Next Gen AI PC. This HP Copilot+ PC⁴ features an Intel® Core™ Ultra processor², single-cable simplicity, and HP Wolf Security.⁵

Single cable solution for a tidy workspace

With selected HP displays⁶, the HP EliteDesk 8 Mini G2i Next Gen AI PC can transfer power and video through a single cable, creating a tidy working environment. Users can power on the Mini through the display power button, simplifying setup.

Small size. Endless possibilities

Free your workspace with a compact 1L chassis that fits on desks, behind monitors, or mounted with HP accessories.⁶ Versatile deployment options clear desk space and adapt to modern hybrid work environments with performance or style.

Power that defies the size of this desktop Mini PC

Unleash performance with Intel® Core™ Ultra processor², optional NVIDIA® RTX™ 5050 graphics⁶, and flexible ports for any setup.⁷ Handle demanding AI workloads all in a compact design made for modern workspaces.



*Product image may differ from actual product

Sustainability in action

Help protect our shared future

At least 95% of plastic used in the chassis is post-consumer recycled plastic.⁸ 100% of HP paper-based packaging is from recycled or certified sustainable sources.⁹ This PC is ENERGY STAR® certified¹⁰ and EPEAT® Climate+ Gold registered.¹¹



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Featuring

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HP Recommends Windows 11 Pro for business with Microsoft Copilot

Work without compromising on performance with Windows 11 and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot.^{1,12}

Intel® powers PCs next-gen AI

Free up time to focus on what matters with the latest Intel® Core™ Ultra processor with an up to 50 TOPS NPU. Three compute engines built for the next era of AI software help improve video conferencing and allow for advanced content creation.^{2,3,13}

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

Browse confidently

Help protect your PC from websites and read-only Microsoft Office and PDF attachments with malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.¹⁴

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.¹⁵

Keep your PCs current – automatically

With HP Support Assistant, keep your PC – or fleet – maintained with automatic updates and fixes. View devices in one place, see available updates by priority, and run built in fixes and diagnostics to reduce downtime.¹⁶

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.¹⁷

Physical tamper protection

Require a supervisor password to be used to unlock a PC anytime tamper detection sensors located on the top cover of the PC and on internal storage are removed with HP Tamper Lock.¹⁸

Fast and efficient Wi-Fi 7

Get a fast and reliable connection in dense wireless environments with optional gigabit data rate Wi-Fi 7.^{19,20}

Designed to grow with your business

Built to grow with your business, the HP EliteDesk 8 Mini G2i features support for up to three SSDs, onboard graphics, and enhanced toolless upgradeability and serviceability, ensuring your PC evolves with your needs.⁶

Enhanced predictive coverage

Limit interruptions with HP Premium+ Support, a smart service that alerts of potential device issues using predictive AI-powered insights, automation and proactive 24/7 support for our fastest diagnosis and repair – wherever work happens.^{23,24}



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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 family	Intel® Core™ Ultra 9 processor Intel® Core™ Ultra 7 processor Intel® Core™ Ultra 5 processor
Available Processors^{12,3,4}	Intel® Core™ Ultra 5 322 (up to 4.4 GHz Max Turbo frequency, 12 MB L3 cache, 6 cores, 6 threads) with Intel® Graphics and Intel® AI Boost (46 NPU TOPS) Intel® Core™ Ultra 5 325 (up to 4.5 GHz Max Turbo frequency, 12 MB L3 cache, 8 cores, 8 threads) with Intel® Graphics and Intel® AI Boost (47 NPU TOPS) Intel® Core™ Ultra 5 332 (up to 4.4 GHz Max Turbo frequency, 12 MB L3 cache, 6 cores, 6 threads) with Intel® Graphics and Intel® AI Boost (46 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 5 335 (up to 4.6 GHz Max Turbo frequency, 12 MB L3 cache, 8 cores, 8 threads) with Intel® Graphics and Intel® AI Boost (47 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 5 336H (up to 4.6 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 12 cores, 12 threads) with Intel® Graphics and Intel® AI Boost (47 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 7 355 (up to 4.7 GHz Max Turbo frequency, 12 MB L3 cache, 8 cores, 8 threads) with Intel® Graphics and Intel® AI Boost (49 NPU TOPS) Intel® Core™ Ultra 7 356H (up to 4.7 GHz Max Turbo frequency, 18 MB L3 cache, 16 cores, 16 threads) with Intel® Graphics and Intel® AI Boost (50 NPU TOPS) Intel® Core™ Ultra 7 365 (up to 4.8 GHz Max Turbo frequency, 18 MB L3 cache, 8 cores, 16 threads) with Intel® Graphics and Intel® AI Boost (49 NPU TOPS) Intel® Core™ Ultra 7 366H (up to 4.8 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 16 cores, 16 threads) with Intel® Arc™ Graphics and Intel® AI Boost (50 NPU TOPS) Intel® Core™ Ultra 9 386H (up to 4.9 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 16 cores, 16 threads) with Intel® Arc™ Graphics and Intel® AI Boost (50 NPU TOPS)
Neural Processing Unit	Intel® AI Boost
Product colour	Jack black
Form factor	Mini
Maximum memory	64 GB DDR5-6400 MT/s; ^{5,6,7} Transfer rates up to 6400 MT/s.
Audio	Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support
Expansion slots	1 M.2 2230; 3 M.2 2280 (1 M.2 2230 slot for WLAN and 3 M.2 2280 slots for storage)
Ports and connectors	Front: 1 USB Type-C® 20Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate; 1 headphone/microphone combo ; Rear: 2 USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 RJ-45; 1 power connector; 2 DisplayPort™ 2.1; 1 Thunderbolt™ 4; 2 external antenna connector ; Optional Ports: Flex IO port 1 - choose one of the following options: 1 VGA, 1 Serial, 1 DisplayPort™ 2.1, 1 HDMI 2.1, 1 Thunderbolt 4.0, 1 Dual SuperSpeed USB 2.0 Type-A 5Gbps signaling rate, 1 Dual USB 3.2 Type-C 10Gbps signaling rate port with 15W power delivery, HP Fiber NIC (1Gbps), Intel® I226V 2.5 Gigabit Network Connection LOM (non-vPro); Flex IO port 2 - choose one of the following options: 1 serial, 1 HP Video Port Extender (2 mini DisplayPort™), 1 NVIDIA® GeForce RTX™ 5050 (8 GB GDDR7) (2 mini DisplayPort™, 1 micro HDMI), 1 Dual Type-A SuperSpeed 5Gbps Signaling rate
Input devices	HP 175 Wired Keyboard; HP 175 Antimicrobial Wired Keyboard; HP 275 Black Wireless Keyboard and Mouse combo ⁸ ; HP 175 Wired Mouse; HP 175 Antimicrobial Wired Mouse ⁹
Communications	Realtek Wi-Fi 6E RTL8852CE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card; Intel® Wi-Fi 7 BE211 (2x2) and Bluetooth® 6 wireless card, vPro®; Intel® Wi-Fi 7 BE211 (2x2) and Bluetooth® 6 wireless card, non-vPro®
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Software	Buy Microsoft Office (sold separately) ¹⁸ ; Edge Customization; HP Connection Optimizer; HP Hotkey support; HP IQ ¹⁹ ; HP MAC Address Manager; HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Services Scan ²⁰ ; HP Support Assistant ²¹ ; HSA Fusion for Commercial; HSA Telemetry for Commercial; myHP ²² ; Poly Camera Pro; Poly Studio Desktop ²³
Security management	Secured-Core PC Enable ²⁴ ; HP Wolf Security for Business includes: HP Sure Start, HP Secure Erase ²⁵ ; HP Sure Admin ²⁶ ; HP Sure Click ²⁷ ; HP Sure Recover ²⁸ ; HP Sure Run ²⁹ ; HP Sure Sense ³⁰ ; HP Sure Start ³¹ ; HP Tamper Lock ³² ; Absolute Persistence Module ³³ ; Audio Permanent Disable; HP BIOS Update via Network; HP BIOSphere ³⁴ ; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; HP Secure Erase ³⁵ ; HP Wake on WLAN



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Technical specifications

Management features	HP Client Catalog (download) ¹⁰ ; HP Client Management Script Library (download) ¹¹ ; HP Cloud Recovery ¹² ; HP Connect for Microsoft Endpoint Manager ¹³ ; HP Driver Packs (download) ¹⁴ ; HP Image Assistant (download) ¹⁵ ; HP Manageability Integration Kit (download) ¹⁶ ; HP Patch Assistant (download) ¹⁷
Power	100 W external USB Type-C® power adapter, up to 88% efficiency; 120 W external power adapter, up to 89% efficiency; 150 W external power adapter, up to 89% efficiency; 180 W external power adapter, up to 89% efficiency; 90 W external power adapter, up to 89% efficiency
Dimensions	6.97 x 7.13 x 1.35 in; 17.7 x 18.1 x 3.42 cm; 19.6 x 5.2 x 9.3 in (USA, Brazil and Japan models only) 49.8 x 13.2 x 23.5 cm (USA, Brazil and Japan models only) (Package)
Weight	2.97 lb; 1.35 kg
Ecolabels	EPEAT® registered with Climate+
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	50% post-consumer recycled plastic



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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 11 is automatically updated, which is always 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 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 Features and software that require an NPU may require software purchase, subscription or enablement by a software or platform provider, and third party software may have specific configuration or compatibility requirements. Potential NPU inferring performance varies by use, configuration, and other factors.
- ⁴ On some devices, some Copilot+ PC experiences require free updates continuing to roll out from Microsoft. Timing varies by device and region. See aka.ms/copilotpluspcs. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
- ⁵ HP Wolf Security for Business requires Windows 10 or 11 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.
- ⁶ Sold separately or as an optional feature.
- ⁷ Optional feature that must be configured at the time of purchase.
- ⁸ Recycled plastic content percentage is based on the definition set in the IEEE 16801-2018 standard.
- ⁹ HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.
- ¹⁰ ENERGY STAR® certified products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency. ENERGY STAR® and the ENERGY STAR® logo are registered trademarks of the U.S. Environmental Protection Agency.
- ¹¹ Based on US EPEAT® registration according to IEEE 16801-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
- ¹² Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. See aka.ms/copilotpluspcs. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
- ¹³ ISV solutions are sold separately and may require a subscription and NPU.
- ¹⁴ HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
- ¹⁵ HP Sure Start is available on select HP PCs and requires Windows 10 Pro and higher.
- ¹⁶ Internet access required.
- ¹⁷ HP Sure Run is available on select HP PCs and requires Windows 10 and higher.
- ¹⁸ HP Tamper Lock requires a supervisor password be established prior to use.
- ¹⁹ Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.
- ²⁰ Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 7 (802.11BE) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
- ²³ Predictive insights is only available with HP Premium+ Support. 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.

Specification Footnotes

- ¹ For full Intel® vPro® functionality, Windows 11 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>.
- ² 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 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.
- ⁴ Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost> for more information.
- ⁵ Only select processors available with each configuration.
- ⁶ 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 4800 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate. All memory slots are customer accessible/upgradeable.
- ⁷ Only available with Alder Lake i5, i7 and i9 Processors.
- ⁸ Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.
- ⁹ HP 175 Antimicrobial Wired Keyboard, Wired 175 Antimicrobial Mouse are not available in all regions. (Antimicrobial China only)
- ¹⁰ HP Client Catalog not preinstalled, however available for download at <https://www.hp.com/us-en/solutions/client-management-solutions.html>.
- ¹¹ HP Client Management Script Library <https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools>.
- ¹² 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. Detail, please refer to: <https://support.hp.com/us-en/document/c05115630>.
- ¹³ 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.
- ¹⁴ HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- ¹⁵ HP Image Assistant not preinstalled, however available for download at <https://ftp.ext.hp.com/pub/caps-softpaq/cm1t/HPIA.html>.
- ¹⁶ HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- 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 <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ¹⁸ Microsoft 365 sold separately and requires Internet access for activation.
- ¹⁹ HP IQ delivery app is preloaded on select HP PCs; it will be automatically updated to the future featured HP IQ application if you have auto updates enabled in Windows or will be available for download from the Microsoft Store. The future featured HP IQ app uses artificial intelligence. Features vary by configuration. For complete details see https://support.hp.com/us-en/document/ish_136966721369671716.
- ²⁰ HP Services Scan 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>.
- ²¹ HP Support Assistant is available on Windows. For more information, please visit www.hp.com/help/hp-support-assistant.
- ²² MyHP requires Windows 10 or higher OS.
- ²³ Poly Studio Desktop requires a Windows OS.
- ²⁴ Secured-Core PC Enable requires an Intel® vPro®, AMD Ryzen™ Pro processor or Qualcomm® processor with SD850 or higher and requires 8 GB or more system memory. Secured-core PC is enabled from the factory.
- ²⁵ 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.
- ²⁶ 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.
- ²⁷ HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
- ²⁸ 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. HP Sure Recover Gen6 with Embedded Reimaging is an optional feature on select HP PCs which requires Windows 10 or 11 must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data.
- ²⁹ HP Sure Run is available on select HP PCs and requires Windows 10 and higher.
- ³⁰ HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
- ³¹ HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
- ³² HP Tamper Lock can be Enabled/Disabled by customers or IT administrator with administrator authority.
- ³³ Absolute Persistence 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 HP BIOSphere features may vary depending on the platform and configuration.
- ³⁵ HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special.
- ³⁶ ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.

