

HP ProDesk 4 Mini G1i Desktop AI PC



Key Experiences and Product Specs



The AI power to fuel your innovative ideas, all in a Mini, built for remote workers, frontline pros and tech experts.

Key Product Experiences

Unleash the power of AI and expand workforce capabilities: Accomplish minor tasks to complex projects with an Intel® Core™ Ultra CPU¹ and 13 TOPS NPU.² This mini desktop provides smooth performance and diversified upgradability with the Intel Q870 chipset, optional Intel vPro®⁴, and essential ports. Get real-time energy consumption insights about your PC with Power Consumption Measurement.⁵

Single cable solution and versatile deployment: With selected HP displays⁶, the HP ProDesk 4 Mini G1i AI PC can transfer power and video through a single cable⁷, creating a tidy working environment. Users can power on the Mini through the display power button, simplifying setup. Deploy this AI PC flexibly with its compact design and ample I/O ports for seamless connectivity.

Work protected and secure: In addition to a physical security lock, HP Tamper Lock⁸ for BIOS protection and intrusion sensor for detecting and alerting to unauthorized opening of the chassis, HP Wolf Security for Business⁹ 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.

Product Specs:

Operating System	Windows 11 Pro ¹⁰
Processor(s)	Intel® Core™ Ultra 35W processors ¹ up to Ultra 7 /Q870 Optional Intel vPro ^{®4} Up to 13 TOPS NPU ²
Graphics	Intel® UHD Graphics
Memory	Two SoDIMM Slots, Up to 64 GB DDR5 5600 MT/s ¹¹
Internal Storage	(2) M.2 PCIe® NVMe™ Gen4 SSD up to 4TB ¹²
Input/Connectivity	Front: (1) USB Type-C® SuperSpeed USB 20Gbps signaling rate ¹³ with 15W PD, (2) USB Type-A SuperSpeed 10Gbps signaling rate ¹³ , (1) Combo Audio Jack with CTIA/OMTP headset support Rear: (1) RJ-45, (3) USB Type-A SuperSpeed 5Gbps signaling rate ¹³ (Support S4/5 wake on keyboard), (1) HDMI 2.1 TMDS 6Gbps signaling rate ¹³ , (2) DisplayPort™ 2.1 HBR3, (1) Flex Port 1, (1) Flex Port 2 (see Expansion Slots)
Wireless technology	LAN: Integrated Intel® I219LM GbE LOM; Intel® Wi-Fi 6E ^{14,15} AX211 (2x2) and Bluetooth® 5.3 Wireless Card, Intel vPro ^{®4} ; Intel® Wi-Fi 6E ^{14,15} AX211 (2x2) and Bluetooth® 5.3 Wireless Card, non vPro®, Realtek Wi-Fi 6 ¹⁶ RTL8825BE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.2 combo
Power	90W external 7.4mm barrel type AC power adapter 100W external USB Type-C® AC power adapter Support power intake up to 100W with USB Type-C® power delivery
Weight and Dimensions	17.7 x 18.1 x 3.4 cm; Starting at 1.19 kg ¹⁷
Color	Black
Expansion Slots	1st Flex Port Card: (1) VGA Option Card, (1) HDMI 2.1 Option Card, (1) DisplayPort™ 2.1 Option Card, (1) USB Type-C® SuperSpeed 10Gbps signaling rate ¹³ with DisplayPort™ Alt Mode and up to 100W power intake, (1) Serial Port Option card, (1) Dual USB Type-A SuperSpeed USB 5Gbps signaling rate ¹³ 2nd Flex Port Card: (1) Serial Port, (1) Dual Type A SuperSpeed USB 5Gbps signaling rate ¹³
Sustainable Impact Specifications	EPEAT Climate+™ Gold ¹⁸ registered, ENERGY STAR® and TCO certified; speaker enclosure, fan housing/ducts & front I/O strip made from at least 5% ocean-bound plastics ¹⁹ ; molded paper pulp cushion inside box is 100% sustainably sourced and recyclable ²⁰ ; outer box packaging and corrugated cushions are 100% sustainably sourced and recyclable ²⁰ ; low halogen ²¹ ; bulk packs available. ²²
Security & Manageability	HP Wolf Security for Business ⁹ ; HP Sure Start ²³ , HP Sure Run ²⁴ , HP Sure Recover ²⁵ , HP Sure Click ²⁶ , HP Manageability Integration Kit ²⁷ , HP Sure Sense ²⁸ , HP BIOSphere ²⁹ , HP Image Assistant; TPM 2.0

Disclaimers:

1. 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.
2. AI applications 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 inferencing performance varies by use, configuration, and other factors
3. N/A
4. Intel vPro® requires Windows 10 Pro 64 bit or higher, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See <http://intel.com/vpro> HP Services are sold separately. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
5. Power Consumption Measurement with real-time total power usage tracking planned to release in 2024 on our commercial notebook line. The energy consumption data is planned to be available to end users within myHP and ITDMs via HP Proactive Insights in May 2024. Fleet management within HP Proactive Insights requires Windows 10 or higher and registration for the Workforce Experience platform at <https://admin.hp.com>. Some features and capabilities may require additional purchase of HP services and/or commercial hardware capable of supporting the HP Insights agent for Windows, Mac, & Android. Activation and restrictions may apply. 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.
6. Sold separately or as an optional feature.
7. Single cable feature supported on select HP 7 and 5 Pro series displays with 100W power delivery.
8. HP Tamper Lock must be enabled by the customer or your administrator.
9. 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.
10. 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>.
11. 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.
12. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) is reserved for system recovery software.
13. Actual throughput may vary
14. 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.
15. Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 6E (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
16. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.
17. Actual weight will vary by configuration.
18. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. See www.epeat.net for registration status and tier levels by country.
19. Percentage of ocean-bound plastic contained in each component varies by product. Ocean Bound plastic is expressed as a percentage of the total weight plastic. Ocean Bound plastic is based on the definition set by the UL2809 standard
20. 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.
21. External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
22. Bulk packaging solution may vary by region or market
23. HP Sure Start is available on select HP PCs and requires Windows 10 or 11.
24. HP Sure Run is available on select HP PCs and requires Windows 10 or higher.
25. HP Sure Recover 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.
26. HP Sure Click requires Windows 10 or higher. See https://bit.ly/2PrLT6A_SureClick for complete details.

27. HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement> and requires Microsoft Endpoint Manager.
28. HP Sure Sense is available on select HP PCs and is not available with Windows10 Home.
29. HP BIOSphere requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations

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