

HP ProStudio 4 AiO G1i 23.8" Desktop AI PC



Key Experiences and Product Specs



Collaborative power, enhanced by AI, packed in a space-saving AiO AI PC, built for SMB frontline professionals.

Key Product Experiences

Enhance output and collaboration with integrated features: Get the combined features that help complete routine tasks, leaving time for tasks that fuel your enthusiasm. Accomplish your day-to-day with the latest Intel® CPU¹ and 13 TOPS NPU², AMD Radeon™ RX 6450M graphics⁴, and 280W power supply. Experience studio quality collaboration with Poly Camera Pro⁵, and two speakers tuned by Poly Studio⁶, ensuring crystal clear audio and video for every conference call, supported by AI-based noise reduction.⁷

Abundant ports for workspace flexibility: Leap into action with easy plug and play setup and a variety of ports, allowing you to connect to essential accessories and includes a Flex port choice.⁸ Add an ODD stand attachment to meet your business' read-write requirements with a CD/CDR.⁹

Work protected and secure: In addition to a physical security lock, HP Tamper Lock¹⁰ for BIOS protection and intrusion sensor for detecting and alerting to unauthorized opening of the chassis, HP Wolf Security for Business¹¹ 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 ¹²
Processor(s)	15 th Gen Intel® Core™ Ultra Processors ¹ 5/7, Intel® Q870, Intel® vPro® standard ¹³ Up to 13 TOPS NPU ²
Graphics	Integrated graphics: Intel® UHD Graphics Discrete graphics: Optional AMD Radeon™ RX 6450M (4GB GDDR6)
Memory	64 GB DDR5-5600 SDRAM ¹⁴ ; 2 SODIMM Slots; Transfer rates up to 5600 MT/s. Both slots are customer accessible/ upgradeable. Supports dual channel memory ¹⁵
Internal Storage	<ul style="list-style-type: none"> 256 GB up to 1 TB PCIe® NVMe™ M.2 SSD (2x M.2 SSD slots, up to 2 TB max)¹⁶ 256 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD (2x M.2 SSD slots, up to 4 TB max)¹⁶ 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD¹⁶
Display	23.8" diagonal, FHD (1920 x 1080), IPS WLED Backlit LCD, 75Hz refresh rate, 250 nits (NT), 300 nits (T), sRGB 99%, NTSC 72%, ¹⁷ TUV Certified Low Blue Light Panels, anti-glare, optional touchscreen, near borderless display
Webcam	Fixed pull-up camera, 5MP RGB or 5MP HDR + IR ^{18,19} , ISP (image signal processor) that supports HP Lock and Awake with AI human presence detection
Audio	Audio: 2x2W down firing speakers, Next Gen AI Noise Reduction ⁷ , Echo Cancellation Microphone: Internal dual array normal-SNR microphone inside camera
Input/Connectivity	Rear: (1) USB Type-C 3.2 Gen1x2 SuperSpeed 10Gbps signaling rate ^{43,44} with DisplayPort™ Alt Mode, (1) USB Type-A 3.2 Gen1 SuperSpeed 5Gbps signaling rate ⁷⁴ with keyboard wake; (1) HDMI 2.1 (out), (1) HDMI 1.4 (in) with Monitor Mode, (1) RJ45 network interface 1 Gbps ²⁰ Opt. flex port: (1) HDMI 2.1; (1) DisplayPort™ 1.4; (1) USB Type-C® 3.2 Gen2 SuperSpeed 10Gbps signaling rate ^{43,44} with DisplayPort™ Alt Mode; (1) Serial; (2) USB Type-A 3.2 Gen1 SuperSpeed 5Gbps signaling rate ⁴³ Bottom down facing: (1) USB Type-A 3.2 Gen 1x2 SuperSpeed 10Gbps signaling rate ⁴³ ; (1) USB Type-C® USB 3.2 Gen 2x2 SuperSpeed 20Gbps signaling rate ^{43,44} (charge support up to 15w); (1) Universal Audio Jack - supports OMTP/CTIA headset
Wireless technology	LAN: Integrated Intel® I219LM GbE LOM WLAN: Intel AX211 Wi-Fi 6E ^{21,22} + Bluetooth® 5.3 wireless card Intel® vPro® ¹³ /Non-vPro; Realtek 8852BE Wi-Fi 6E ^{21,22} + Bluetooth® 5.4 wireless card
Weights & Dimensions	53.96 x 31.94 x 5.25 cm (21.24 x 12.57 x 2.07 in); Starting at 6.3kg (13.89 lbs) ²³
Power	280W internal PSU with sensor for real-time carbon footprint data
Expansion Slots	(1) PCIe® gen 4 M.2 2230 WLAN+Bluetooth® Combo; (2) PCIe® gen 4 M.2 2280 for NVMe™ SSD storage ¹⁶ ; optional external ODD ⁹ that attaches directly below stand base
Sustainable Impact Specifications	EPEAT Climate+™ Gold ²⁴ , ENERGY STAR® and TCO certified; at least 60% PCR materials in total ²⁵ ; 15% recycle SGCC steel used in chassis ²⁶ ; at least 75% recycled aluminum in chassis, stands and inner parts ²⁶ ; at least 95% post-consumer recycled plastic in chassis or inner parts ²⁵ ; at least 25% ocean bound plastic fan housing and at least 5% ocean-bound plastic in speaker enclosure ²⁷ ; at least 25% recycled indium in the panel ²⁶ ; at least 20% recycled glass in the panel ²⁸ ; 25% recycled REE magnets in speaker box; molded paper pulp cushion inside box is 100% sustainably sourced and recycled ²⁹ ; Outside box and corrugated cushions are 100% sustainably sourced and recycled ²⁹ ; low halogen ³⁰ ; Bulk packs available ³¹
Security & Manageability	Support for chassis padlocks and cable lock devices; HP Tamper Lock ¹⁰ ; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 11. Common Criteria EAL4+ Certified; Serial, USB enable/disable (via BIOS); Power-on password (via BIOS); Setup password (via BIOS); HP Wolf Security for Business ¹¹ ; HP Sure Start ³³ , HP Sure Recover ³⁴ , HP BIOSphere ³⁵ , HP Client Security Manager ³⁶ ; HP Secure Erase; HP Sure Sense ³⁷ , HP Sure Click ³⁸ , HP Sure Run ³⁹ , HP Sure Admin ⁴⁰ ; HP Management Integration Kit ⁴¹ ; HP Auto Lock and Awake ⁴² ; HP On Demand Lock; Onlooker Detection

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. Optional feature that must be configured at the time of purchase.
5. Poly Camera Pro requires Windows OS.
6. Requires Windows OS.
7. Requires myHP application and Windows OS.
8. Flex port is an optional feature that must be configured at the time of purchase. Choose from the following flex ports: 2 x USB 3.2 Gen 1, 3 x USB 3.2 Gen 2, 1x DP2.0, 1 x HDMI 1.4 (in), 1 x RJ-45.
9. Peripherals, CD, CD-R, and ODD stand are not included and sold separately.
10. HP Tamper Lock must be enabled by the customer or your administrator.
11. 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.
12. 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>.
13. 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/vproHP> 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.
14. Memory modules support data transfer rates up to 5600/MTs requires selected Intel Core 14th Gen i5, i7 or i9 CPUs. Memory configuration without selected CPUs 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
15. Supports dual channel memory: Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
16. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) is reserved for system recovery software.
17. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
18. A no camera option is available and must be configured at the time of purchase.
19. 5MP HDR+IR camera is an optional feature that must be configured at the time of purchase. Requires Windows 11 and higher and set up of facial recognition through Windows Hello. See <https://www.microsoft.com/en-us/windows/tips/presence-sensing>.
20. Actual throughput may vary
21. 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.
22. 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.
23. Actual weight will vary by configuration.
24. 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.
25. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
26. Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams
27. 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
28. Percentage of recycled glass in the monitor panel varies by product. Recycled glass is expressed as a percentage of the total weight of the glass.
29. 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.
30. External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
31. Bulk packaging solution may vary by region or market
32. N/A
33. HP Sure Start is available on select HP PCs and requires Windows 10 or 11.

34. 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.
35. HP BIOSphere requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations
36. HP Client Security Manager requires Windows and is available on the select HP Elite and Pro PCs.
37. HP Sure Sense is available on select HP PCs and is not available with Windows10 Home.
38. HP Sure Click requires Windows 10 or higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
39. HP Sure Run is available on select HP PCs and requires Windows 10 or higher.
40. HP Sure Admin requires Windows 10, 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.
41. HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement> and requires Microsoft Endpoint Manager.
42. HP Auto Lock & Awake requires a proximity sensor that is available on select desktops and requires Windows Hello for authentication.
43. Actual throughput may vary
44. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum

© Copyright 2025 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Microsoft®, Windows® 11, and Windows® 11 Pro are registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Intel®, Intel® Core™, Intel vPro® and Intel® Optane™ are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Thunderbolt is a trademark of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.