HP ProStudio 4 All-in-One G1i 23.8 inch Desktop AI PC

Collaborative power — packed in a space-saving AiO AI PC

Embrace the future of business with an AI-enhanced All-in-One PC. With its small footprint, business-grade performance, 5 MP camera, and 13 TOPS NPU[3]-it's the perfect tool for efficient, seamless collaboration and teamwork.

Walk Away Lock and Wake on Approach

Wake and lock your PC with your presence. A proximity sensor in the optional 5MP +IR camera detects when you leave your PC and locks it. Upon your return, the sensor triggers the camera and Windows Hello to verify your identity and unlock the PC.[4,5]

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.[6,7] Add an ODD stand attachment to meet your business' read-write requirements with a CD/CDR.[6]

Enhance output 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® CPU[2] and 13 TOPS NPU[3], AMD RX 6450 M graphics[8], and 280 W power supply.

*Product image may differ from actual product

Sustainability in action

Help protect our shared future

100% of HP paper-based packaging is from recycled or certified sustainable sources.[9] And, AC current sensors measure power consumption of your fleet, so you can see power usage and get recommendations to reduce energy use.

HP ProStudio 4 All-in-One G1i 23.8 inch Desktop AI PC

Featuring

HP recommends Windows 11 Pro for business
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® multi-core processor
Configure your HP ProStudio 4 AiO for the perfect combination of power, performance, and value. Get an Intel® Core™ Ultra CPU to handle work tasks smoothly and reliably, featuring 13 TOPS NPU for enhanced video conferencing and more.[2,3,9]

AMD RX 6450 M graphics
Choose the perfect balance of performance and efficiency with the optional AMD RX 6450 M graphics. A solid choice, this graphics card is well-suited for graphics-intensive tasks while efficiently maintaining low power consumption.[8]

Handle data with agility
Keep up with today's ever-changing business requirements with plenty of storage and memory. Store and quickly access and transfer data with up to 4 TB on dual SSD PCIe Gen 4 SSDs and up to 64 GB 5600 MT/s DDR5 memory.[8,13]

Collaboration through the NPU
Look your best on video calls and save some power too. Manage your video controls for internal and external cameras with Poly Camera Pro. Now AI frame, multi-camera, background adjust, image fine tuning, and more save power running on the NPU.[14]

Get going fast
Your PC keeps working even when you're not with Modern Standby. When you wake the PC it's ready to work, meaning your email, notifications, and updates have all been updating themselves while the PC is asleep and connected to a network.[15]

Hear and be heard
Dynamic Voice Leveling16 automatically enhances microphone gain to optimize voice clarity within 3-meters of the PC. AI Noise Reduction uses noise-filtering technology to enhance audio conferencing experience even while wearing a mask.[16]

Multiple stand options for comfort
Choose from a variety of deployment options for the most comfortable and convenient position using your All-in-One. Get the flexibility of a height-adjustable stand or choose a VESA mount for mounting to a VESA-compatible structure.[17]

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.[18]

Performance improvements for HP security solutions
Enable hardware-enforced, self-healing security solutions with the HP Endpoint Security Controller and device identity. Cryptographically protected hardware helps protect against quantum computer attacks and creates a root of trust.[19]

Block shoulder surfers
Prevent visual hacker's ability to view your screen with onlooker detection. Utilizing an AI-powered webcam sensor, this software alerts users and automatically blurs the screen when prying eyes are detected.[16]

Super-simple setup, tool-less access
Save time and get going, right out of the box. Attach your all-in-one to its stand, plug it in, and get to work. Upgrade and maintain your PC with simple tool-less access to this All-in-One chassis through the rear panel.

HP ProStudio 4 All-in-One G1i 23.8 inch Desktop AI PC

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] Windows 11 Pro (Windows 11 Enterprise or Windows 10 Enterprise available with a Volume Licensing Agreement)[1] FreeDOS
Processor family	Intel® Core™ Ultra 7 processor (Series 2) Intel® Core™ Ultra 5 processor (Series 2)
Available Processors[7,37]	Intel® Core™ Ultra 7 265 (up to 5.3 GHz with Intel® Turbo Boost Max Technology, 30 MB L3 cache, 20 cores, 20 threads) with Intel® Graphics and Intel® AI Boost (13 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 5 245 (up to 5.1 GHz Max Turbo frequency, 24 MB L3 cache, 14 cores, 14 threads) with Intel® Graphics and Intel® AI Boost (13 NPU TOPS),supports Intel® vPro® Technology Intel® Core™ Ultra 5 235 (up to 5 GHz Max Turbo frequency, 24 MB L3 cache, 14 cores, 14 threads) with Intel® Graphics and Intel® AI Boost (13 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 5 225 (up to 4.9 GHz Max Turbo frequency, 20 MB L3 cache, 10 cores, 10 threads) with Intel® Graphics and Intel® AI Boost (13 NPU TOPS) Intel® Core™ Ultra 7 265T (up to 5.4 GHz with Intel® Turbo Boost Max Technology, 30 MB L3 cache, 20 cores, 20 threads) with Intel® Graphics and Intel® AI Boost (13 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 5 245T (up to 5.1 GHz with Intel® Turbo Boost Max Technology, 24 MB L3 cache, 14 cores, 14 threads) with Intel® Graphics and Intel® AI Boost (13 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 5 235T (up to 5 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 14 threads) with Intel®Graphics and Intel® AI Boost (13 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 5 225T (up to 4.9 GHz with Intel® Turbo Boost Max Technology, 20 MB L3 cache, 10 cores, 10 threads) with Intel® Graphics and Intel® AI Boost (13 NPU TOPS)
Neural Processing Unit	Intel® AI Boost
Chipset[7]	Intel® Q870 (vPro®)
@@Brightness@@	250 nits; 300 nits (touch)
Form factor	All-in-One
Maximum memory	64 GB DDR5-5600 MT/s; [8,9,10] Transfer rates up to 5600 MT/s.
Memory slots	2 SODIMM (with support for RAID 1)
Internal storage	256 GB up to 1 TB PCIe® NVMe™ M.2 SSD[2,3] 256 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD[2,3] 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD[2,3]
Optical drive	HP ProStudio 4 DVD-ROM External ODD; HP ProStudio 4 DVD-Writer External ODD [4,5,6]
Display	60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, anti-glare, TUV Rhineland Low Blue Light, 250 nits, 72% NTSC; 60.5 cm (23.8") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, TUV Rhineland Low Blue Light, 300 nits, 72% NTSC
Available Graphics	Integrated: Intel® UHD Graphics 4X[e]; Intel® UHD Graphics 3X[e]; Intel® UHD Graphics 2X[e] Discrete: AMD Radeon™ 6450M Graphics (4 GB GDDR6 dedicated) (Models available with either integrated or discrete graphics and must be configured at purchase (integrated graphics will depend on processor).)
Audio	Realtek ALC3252 codec, internal speaker, combo microphone/headphone jack; 2x2 W down-firing speakers
Expansion slots	1 M.2 2230; 2 M.2 2280 (1 M.2 2230 slot for WLAN and Bluetooth® combo and 2 M.2 2280 slots for NVMe SSD storage)
Ports and connectors	Bottom: 1 USB Type-A 10Gbps signaling rate; 1 3.5 mm universal audio jack; 1 USB Type-C® 20Gbps signaling rate (15W charging)[11] ; Rear: 1 USB Type-A 10Gbps signaling rate; 1 HDMI-in 1.4; 1 HDMI-out 2.1; 1 RJ-45; 2 USB Type-A 5Gbps signaling rate (keyboard wake capable); 1 USB Type-C® 10Gbps signaling rate (with DisplayPort™ Alt Mode)[12] ; Optional Ports: 1 Dual SuperSpeed USB Type-A 5Gbps signaling rate; 1 serial; 1 DisplayPort™ 1.4; 1 USB Type-C® 10Gbps signaling rate (15W output, Alt Mode DisplayPort™ 1.4); 1 HDMI 2.1
Input devices	HP 725 Multi-Device Rechargeable Wireless Keyboard and Mouse combo; HP USB 320K v2 Keyboard; HP USB Business Slim Wired v2 SmartCard CCID Keyboard; HP 125 v2 Wired Keyboard; HP 125 v2 AntiMicrobial Wired Keyboard[15]; HP 125 Wired Mouse; HP 128 Laser Wired Mouse; HP 125 Antimicrobial Wired Mouse; HP USB Hardened Optical Wired Mouse; HP Wired 320M Mouse[15]
Communications	LAN: Integrated Intel® I219LM GbE LOM ; WLAN: Realtek Wi-Fi 6 RTL8852BE-VT 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.4 wireless card; Intel® Wi-Fi 6E1 AX211 (2x2) and Bluetooth® 5.3 wireless card, vPro®(supporting gigabit data rate); Intel® Wi-Fi 6E1 AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro®(supporting gigabit data rate)
Camera	5 MP RGB fixed camera (push-in) with Ambient Color Sensor (ACS), adjustable tilt (15 degrees), and integrated dual array microphones (high SNR); 5 MP HDR + IR fixed camera (pull-up) with AI Human Presence Detection and integrated dual array microphones (normal SNR) [16]
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 5 to 90% RH
Software	HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; Buy Microsoft Office (sold separately)[24]; Edge Customization; HP Connection Optimizer; HP Desktop Support Utilities; HP Documentation; HP Hotkey support; HP Notifications; HP Privacy Settings; HP Services Scan[25]; HP Setup Integrated OOBE; HP Smart Support[26]; HP Support Assistant[27]; HSA Fusion for Commercial; HSA Telemetry for Commercial; myHP; myHP with Multicamera support; Poly Lens; Poly Camera Pro
Security management	HP Wolf Security for Business includes: HP Sure Start, HP Secure Erase[28]; HP Sure Admin[29]; HP Sure Click[30]; HP Sure Run[31]; HP Sure Sense[32]; HP Sure Recover[33]; HP Sure Start[34]; HP Tamper Lock[35]; Secured-Core PC Enable; HP Onlooker Detection

HP ProStudio 4 All-in-One G1i 23.8 inch Desktop AI PC

Technical specifications

Management features	HP Client Catalog (download)[17]; HP Client Management Script Library (download); HP Cloud Recovery[18]; HP Connect for Microsoft Endpoint Manager[19]; HP Driver Packs (download)[20]; HP Image Assistant (download)[21]; HP Manageability Integration Kit (download)[22]; HP Patch Assistant (download)[23]
Power	280 W internal power adapter, active PFC
Dimensions	53.96 x 31.94 x 5.25 cm; (System dimensions may fluctuate due to configuration and manufacturing variances.); 75.0 x 19.5 x 48.0 cm (Package)
Weight	6.3 kg; (Exact weight depends on configuration.)
Ecolabels	EPEAT® Gold with Climate+
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced or recyclable; 5% REE recycled magnets in system; 20% recycled metal in enclosure; 60% recycled plastic in system; 25% ocean-bound plastic in thermal fan module; 5% ocean-bound plastic in speaker enclosure; 35% recycled indium and 20% recycled glass in display panels
Display color gamut	99% sRGB

HP ProStudio 4 All-in-One G1i 23.8 inch Desktop AI PC

Footnotes

Messaging Footnotes

[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. 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. Performance varies by use, configuration, and other factors.
[4] No camera option available and must be configured at the time of purchase.
[5] 5 MP +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 .
[6] Peripherals, CD, CD-R, and ODD stand attachment are not included and sold separately.
[7] 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.
[8] Optional feature that must be configured at the time of purchase.
[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.
[12] May require Windows Update or app download from the Microsoft Store. Microsoft Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
[13] For hard drives and solid-state drives, GB=1billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less. A portion of system disk is reserved for system recovery software.
[14] Poly Camera Pro Requires myHP application and Windows OS.
[15] Requires Windows 10 or higher and internet access.
[16] Requires myHP application and Windows OS.
[17] All-in-One stand and mount offerings include adjustable-height stand, fixed-height stand, or VESA mounting and must be configured at the time of purchase.
[18] 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, Workstation, and RPOS products. See product details for included security features.

Specification 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] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of disk is reserved for system recovery software.
[3] Starting from November 1st 2023, all shipments will require Windows to be installed on SSD to provide users a better experience. HDD can only be configured as additional data drives and not the boot drive.
[4] Must be configured at time of purchase.
[5] HD-DVD disks cannot be played on this drive. No support for DVD-RAM. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs. Discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.
[6] External ODD attaches directly below the stand base and is specifically designed for compatibility with ProStudio.
[7] 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 .
[8] 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; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate.
[9] All memory slots are customer accessible / upgradeable.
[10] Actual data rate is determined by both the system's configured processor and memory module installed.
[11] Headphone/microphone combo OMTP and CTIA.
[12] Ports are optional, choice of DisplayPort™ 1.4, HDMI 2.0, or Serial, and must be configured at time of purchase.
[13] 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. Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels.
[14] Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels. NOTE: Usage of the 6GHz band relies on Windows 11 Operating System support.
[15] Availability may vary by country.
[16] Both camera options come with integrated ISP+ camera technology to support AI Human Presence Detection (Walk Away Lock and Wake On Approach) both camera options support microphones with Next Gen AI Noise Reduction and Echo Cancellation.
[17] HP Client Catalog not preinstalled, however available for download at 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. Detail, please refer to: https://support.hp.com/us-en/document/c05115630 .
[19] 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.
[20] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement .
[21] HP Image Assistant not preinstalled, however available for download at https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html .
[22] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement .
[23] 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 .
[24] Microsoft 365 sold separately and requires Internet access for activation.
[25] 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 .
[26] HP Smart Support 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 .
[27] HP Support Assistant is available on Windows. For more information, please visit http://www.support.hp.com/help/hp-support-assistant .
[28] 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.
[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.
[30] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
[31] HP Sure Run is available on select HP PCs and requires Windows 10 and higher.
[32] HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
[33] 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.
[34] HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
[35] HP Tamper Lock can be Enabled/disabled by customers or IT administrator with administrator authority.
[36] ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
[37] Features and software that require a 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.

© 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.

July 2025