

HP ProStudio 2 All-in-One G2a 24 Desktop PC

Built with AI to think fast for multitaskers

Accelerate hybrid work to keep productivity and teamwork flowing with the HP ProStudio 2 AiO G2a 24 PC – featuring fast performance, vibrant visuals, and easy-to-use collaboration tools in a sleek all-in-one device with future-ready expandability.

AMD Ryzen™: The engine for unstoppable work

Powered by AMD Ryzen™ processor,² the HP ProStudio 2 AiO G2a 24 PC delivers fast performance and smooth multitasking. Ideal for demanding workflows, it ensures speed, reliability, and efficiency for today's business professionals.

Clear, immersive visuals from data entry to design

This isn't just a screen – it's a framework for future-ready designing, presenting, or multitasking. 350 nits, 100 Hz FHD IPS panel⁴ with a 92.8% screen-to-body ratio elevates clarity and immersion for a stunning and responsive visual experience.

Flexibility that matches your growth

Plug in, power up and platform your vision on up to four displays from one expansive desktop, leveraging up to 32 GB DDR5 memory⁵, dual USB-C® ports and multiple storage options that support upgrade flexibility that grows with your team.

*Product image may differ from actual product

Sustainability in action

Help protect our shared future

Designed with efficiency in mind, this PC is built EPEAT Climate+ Gold registered⁶ and ENERGY STAR® certified, with at least 45% post-consumer recycled plastics⁷ and packed with 100% sustainably sourced or recycled packaging.⁸



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Featuring

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HP Recommends Windows 11 Pro for business with Microsoft Copilot

Work anywhere 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.^{1,9}

Commanding AMD processor

Get through your deadline-driven, multi-tasking day using up to an AMD Ryzen™ processor with a perfect combination of performance, power consumption, and value.²

Several deployment options

This space-saving AiO fits your workspace and use case. Deploy it at the front desk, in an open office environment, or your home office. It can serve a wide variety of uses including as a point-of-sale register, a kiosk, a digital sign, and more.

Designed with a Display that Dominates the Frame

This powerful all-in-one desktop is wrapped in a visually striking, edge-to-edge display with a high screen-to-body ratio (STBR) of 92.8%, creating a sleek, modern aesthetic designed to enhance visual immersion while looking clean on your desk.

Bold and Bright to Put Your Projects in the Best Light

Match vibrance and visibility with crisp visuals in and out of the office with a 350 nit display, smooth motion from 100 Hz refresh rate, and wide-angle clarity from FHD IPS technology perfect for creative work, multitasking, and collaboration.^{4,9}

Integrated security

Help secure your PC with a physical security lock slot and an integrated accessory cable lock to secure your cabled mouse and keyboard on the HP ProStudio 2 AiO.¹⁰

Plug in and Power on with Ports for Your Peripherals

Keep your all-in-one desktop connected to all your favorite peripherals with 3 rear-facing USB Type-A ports, RJ45, HDMI-out, DC in, Audio jack (optional), and 2 USB-C® ports.⁵

Designed to Do More with Dynamic Display Setups

From spreadsheets to design tools, cover more ground on dynamic projects with support for up to three additional screens. Extend your view with display flexibility that magnifies how you multitask and ensures efficient collaboration.¹¹

Seamlessly Log In and Look Your Best

Skip the password and log in using Windows Hello with the 5 MP+IR camera, optimized for crisp and clear video calls in office environments. Enjoy sharp visual quality and secure, convenient access to your device, so you can show up and stay focused.^{5,12}

Fast and efficient Wi-Fi 7

Get a fast and reliable connection in dense wireless environments with optional gigabit data rate Wi-Fi 7.^{13,14}

Uplifting Performance with Expandable Memory

Power through tasks and enjoy frictionless multitasking with up to 32 GB DDR5 memory – big bandwidth, low power use, and upgradeable via SODIMM slots for supporting high-speed, future-ready performance in secure environments.⁵

Blending Audio Clarity with Clean Aesthetics

From conference calls to crafting and enjoying content, integrated 3 W stereo speakers deliver clear, balanced and reliable audio in a streamlined form – supporting sound-essential workflows in hybrid environments without compromising style.



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Technical specifications

Available Operating Systems	Windows 11 Pro ¹ Windows 11 Home ¹ FreeDOS
Processor family	AMD Athlon™ processor AMD Ryzen™ 3 processor AMD Ryzen™ 5 processor AMD Ryzen™ 7 processor
Available Processors^{2,3,4}	AMD Ryzen™ AI 7 445 (up to 4.6 GHz max boost clock, 8 MB L3 cache, 6 cores, 12 threads) with AMD Ryzen™ AI (50 NPU TOPS) AMD Ryzen™ 5 220 (3.2 GHz base clock, up to 4.9 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) with AMD Radeon™ Graphics AMD Ryzen™ 5 40 (2.8 GHz base clock, up to 4.3 GHz max boost clock, 4 MB L3 cache, 4 cores, 8 threads) with AMD Radeon™ Graphics AMD Ryzen™ 3 30 (2.4 GHz base clock, up to 4.1 GHz max boost clock, 4 MB L3 cache, 4 cores, 8 threads) with AMD Radeon™ Graphics AMD Athlon™ Silver 10 (2.4 GHz base clock, up to 3.5 GHz max boost clock, 2 MB L3 cache, 2 cores, 2 threads) with Radeon™ Graphics
Product colour	Jet black; Cashmere white (EMEA only)
Form factor	All-in-one
Maximum memory	16 GB LPDDR5-3200 MT/s; 32 GB DDR5-5600 MT/s; ⁵ Transfer rates up to 5600 MT/s.
Internal storage	256 GB up to 2 TB PCIe® NVMe™ M.2 SSD ^{6,15} 512 GB up to 2 TB PCIe® Gen 5 NVMe™ M.2 SSD ^{6,16}
Display	60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, anti-glare, Low Blue Light, 350 nits, 100% sRGB; 60.5 cm (23.8") diagonal, FHD (1920 x 1080), VA, anti-glare, Low Blue Light, Wide Viewing Angle, 250 nits, 99% sRGB
Available Graphics	Integrated: AMD Radeon™ 610M Graphics; AMD Radeon™ 740M Graphics ^{7,8}
Audio	Realtek ALC3274 codec, high performance internal speaker, combo microphone/headphone jack, line-in and line-out rear ports (3.5 mm)
Expansion slots	1 M.2 2230; 1 M.2 2280 (1 M.2 slot for WLAN and 1 M.2 2280 slot for storage.)
Ports and connectors	Rear: Full feature ports: 2 USB Type-C® 20 Gbps signaling rate (with DisplayPort™ Alt Mode), 1 USB Type-A 10 Gbps signaling rate, 2 USB 2.0 Type-A, 1 HDMI 1.4 output, 1 headphone/microphone combo, 1 RJ-45, 1 power connector, 1 Kensington® lock; De-Feature ports: 1 USB Type-C® 20 Gbps signaling rate (with DisplayPort™ Alt Mode), 2 USB Type-A 10 Gbps signaling rate, 2 USB 2.0 Type-A, 1 HDMI 1.4 output, 1 headphone/microphone combo, 1 RJ-45, 1 power connector, 1 Kensington® lock
Input devices	HP USB Wired Keyboard and Mouse combo; HP Wireless Keyboard and Mouse Combo ⁹
Communications	LAN: Integrated Realtek RTL8111HSH-CG GbE ; WLAN: Realtek Wi-Fi 6 RTL8852BE-VT 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.4 wireless card; Realtek Wi-Fi 7 RTL8922AE-VS 802.11a/b/g/n/ax (2x2) and Bluetooth® 6 wireless card
Camera	720p camera with integrated dual array digital microphones; 5 MP IR camera with integrated dual array digital microphones
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Software	Buy Microsoft Office (sold separately); Edge Customization; HP Connection Optimizer; HP Hotkey support; HP MAC Address Manager; HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Services Scan ²⁴ ; HP Smart Support ²⁵ ; HP Support Assistant ²⁶ ; HSA Fusion for Commercial; HSA Telemetry for Commercial; myHP ²⁷ ; Poly Camera Pro
Security management	Secured-Core PC Enable ²⁹ ; Windows Hello Enhanced Sign-in Security (ESS) Enable; HP Wolf Security for Business ³⁰ ; HP Sure Admin ³¹ ; HP Sure Click ³² ; HP Sure Recover ³³ ; HP Sure Run ³⁴ ; HP Sure Sense ³⁵ ; HP Sure Start ³⁶ ; HP Tamper Lock ³⁷ ; Absolute Persistence Module ³⁸ ; Audio Permanent Disable; HP BIOS Recovery; HP Fingerprint Sensor ³⁹ ; BIOS Update via Network; HP BIOSphere ⁴⁰ ; HP DriveLock and Automatic DriveLock; HP Secure Erase ⁴¹ ; HP Wake on WLAN



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Management features	HP Client Catalog (download) ¹⁰ ; HP Client Management Script Library (download) ¹¹ ; HP Cloud Recovery ¹² ; HP Connect for Microsoft Endpoint Manager ¹⁷ ; HP Driver Packs (download) ¹⁸ ; HP Image Assistant (download) ¹⁹ ; HP Manageability Integration Kit (download) ²⁰ ; HP Power Manager with Battery Health Manager (download) ²¹
Power	65 W external USB Type-C® GaN power adapter, non-PFC; 90 W external AC power adapter, active PFC; 150 W external power adapter, active PFC
Dimensions	54.03 x 18.49 x 43.67 cm (fixed height stand); 54.03 x 18.49 x 47.57 cm (height adjustable stand); 64.1 x 27.7 x 52.5 cm (Package)
Weight	5.28 kg
Ecolabels	EPEAT® Gold registered
Sustainable impact specifications	Low Halogen ¹³
What's in the box	Drop in Box External USB ODD ¹⁵



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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. AMD's numbering is not a measurement of clock speed.
- ⁴ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
- ⁵ Optional feature that must be configured at the time of purchase.
- ⁶ EPEAT tier levels may vary by country. See www.epeat.net for registration status and tier levels by country.
- ⁷ Recycled plastic content percentage is based on the definition set in the IEEE 16801-2018 EPEAT standard.
- ⁸ 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 commercial print, industrial, and 3D products, scanners, personal systems accessories, and spare parts is not included.
- ⁹ Full high-definition (FHD) content required to view FHD images.
- ¹⁰ Requires a solenoid lock, not included and sold separately.
- ¹¹ Sold separately or as an optional feature.
- ¹² Requires Windows 10 and higher and set up of facial recognition through Windows Hello.
- ¹⁴ 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 160 MHz channels.

Specification 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. AMD's numbering is not a measurement of clock speed.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>.
- ³ Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- ⁴ NOTE: Your product does not support Windows 8 or Windows 7. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel[®] and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.
- ⁵ Actual data rate is determined by both the system's configured processor and memory module installed.
- ⁶ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) of disk is reserved for system recovery software.
- ⁷ HD content required to view HD images.
- ⁸ NOTE: AMD integrated Radeon™ Vega Graphics varies by processor.
- ⁹ Keyboards and mice are optional or add-on features.
- 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/computer>.
- ¹³ External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- ¹⁴ 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. The specifications for Wi-Fi 6 are draft specifications 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 WLAN devices. Only available in countries where 802.11ax is supported.
- ¹⁵ Optical drives are optional or add on features. Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives.
- ¹⁶ Starting November 1st, 2023, HP PCs with Windows require Windows to be installed on SSD. HDD can only be configured as additional data drives and not as the boot drive.
- ¹⁷ 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.
- ¹⁸ HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- ¹⁹ HP Image Assistant not preinstalled, however available for download at <https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html>.
- ²⁰ HP Manageability Integration Kit not preinstalled, however available for download from <https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools>.
- ²¹ HP Power Manager with Battery Health can be downloaded by entering your system information here: https://support.hp.com/in-en/document/ish_4449597-3519507-16.
- ²⁴ HP Services Scan is preinstalled and/or provided thru Windows Update and checks for service entitlement on each hardware device and downloads the applicable software 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. HP follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to the HP Insights agent is required. For full system requirements, please visit <http://www.hpdaas.com/requirements>. Not available in China.
- ²⁵ HP Smart Support requires the HP Insights agent to be installed. For more information about how to enable or to download HP Smart Support, please visit <http://www.hp.com/smart-support>. HP Services Scan is preinstalled and/or provided thru Windows Update and will check entitlement on each hardware device to determine if an HP Insights agent-enabled service has been purchased, and will download applicable software automatically. 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. HP follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access is required. For full system requirements or to disable this feature, please visit <https://www.hpdaas.com/requirements>.
- ²⁶ HP Support Assistant is available on Windows. For more information, please visit www.support.hp.com/help/hp-support-assistant.
- ²⁷ MyHP requires Windows 10 or higher OS.
- ²⁸ Poly Lens Desktop requires a Windows OS.
- ²⁹ 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.
- ³⁰ HP Wolf Security for Business requires Windows 10 or 11 (Pro or Home) or higher, includes various HP security features and is available on HP X, Ultra, Pro, Elite, Engage and Workstation products. See product details for included security features.
- ³¹ 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.
- ³² HP Sure Click requires Windows 10 and higher. See <https://bit.ly/2Pr1T6A>, SureClick for complete details.
- 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 Run is available on select HP PCs and requires Windows 10 and higher.
- ³⁵ HP Sure Sense requires Windows 10 and higher. See product specifications for availability. On units with WWAN shipping to China, HP Sure Sense is only available via Softpaq download.
- ³⁶ HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
- ³⁷ HP Tamper Lock must be enabled by the customer or your administrator.
- ³⁸ 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/>.
- ³⁹ HP Fingerprint Reader is an optional feature that requires Windows 10 or 11 and must be configured at purchase.
- ⁴⁰ HP BIOSphere features may vary depending on the platform and configuration.
- ⁴¹ 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™.

