HP ProDesk 2 Mini G2i Desktop PC

Space saving performance that helps hybrid teams grow

Maximize workflow efficiency with the space-saving HP ProDesk 2 Mini G2i Desktop PC, designed to bring reliable performance and security to cost-conscious teams, offering flexible ports and versatile mounting options for smooth multidisplay setups.

Sizable performance packed into a mini profile

With Intel® power[2], DDR5 memory, and PCIe Gen 4 SSDs, the HP ProDesk 2 Mini G2i is built for quick start ups, smooth multitasking, and reliable speed.

Space saving design that adapts to your setup.

The HP ProDesk 2 Mini G2i uses its compact 1L size to transform your workspace with deployment flexibility, clearing the clutter that slows you down.

Adapt to your workspace with versatile ports

Choose how you link up to flexible connectivity with several Flex Port 1 options including USBC® with 100 W intake[3] and single-power-on support.



*Product image may differ from actual product

Sustainability in action

Designed with purpose

The HP ProDesk 2 Mini G2i Desktop is designed using 95% post-consumer recycled plastic and 75% recycled metal in the enclosure.[5] It is ENERGY STAR® certified[6] and EPEAT® Climate+ Gold registered.[7]

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Featuring

Sizable performance packed into a mini profile
With Intel® Core™ power[2], highspeed DDR5 memory, and PCIe Gen 4 SSDs, the HP ProDesk 2 Mini G2i is built for quick startups, smooth multitasking, and reliable speed – proving a small, entry level desktop can deliver swift performance.

Space saving design that adapts to your setup
The HP ProDesk 2 Mini G2i uses its compact 1L size to transform your workspace with deployment flexibility. The low-profile design fits on the desk, behind a display, or tucked neatly out of sight, clearing the clutter that slows you down.

Adapt to your workspace with versatile ports
Choose how you link up to flexible connectivity with several Flex Port 1 options including USBC® with 100 W intake[3] and single-power-on support, DP 2.1, HDMI 2.1, VGA or USBA, and more Flex Port 2 options including USB-A or serial ports.[4]

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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.[1,8,]

Intel® multi-core processor
Configure your HP ProDesk 2 Mini G2i CPU for the perfect combination of power, snappy performance, and value. Choose from available Intel® Core™ processors to handle multiple work tasks smoothly and reliably.[2,4]

Purpose-built design that disappears into your workspace
Pair a clean, professional look with an ultra-compact design for optimized cost and flexibility. Built with horizontal and vertical mounting options that blend into your workspace while delivering dependable business-class durability.

Fast memory that keeps pace with modern workdays
Bring modern memory to everyday desks, running up to 32 GB DDR5 at up to 5600 MT/s to help maintain rhythm across apps, enabling balanced multitasking and steady responsiveness in a desktop that blends clean setups with business focus.

Storage that helps keep apps and files instantly accessible
PCIe Gen 4 NVMe storage anchors the HP ProDesk 2 Mini G2i experience in a reliable storage foundation. From system start-up to daily workflows, data feels present and dependable – so your work is right there when you need it.

Customizable port choices for dynamic workspaces
Flexible ports let you build your own setup without redesigning the desk around the PC. Choose from available USB-C® (10Gbps), DisplayPort 2.1, HDMI 2.1, VGA, dual USB-A (5Gbps) or Serial ports to connect modern monitors and legacy tools.[3,4]

Simplified power for your setup with a single USB-C®
With Flex Port 1 configured for available USBC® (10 Gbps) with 100W power intake you can access Single Power On with select HP displays to power on your setup using the display's power button without having to reach for the mounted PC.[3,4,9]

Channel your workflows across multiple screens
Give your work the space it deserves with multidisplay configurations, allowing tasks to unfold across multiple screens and creating a workspace that feels open, organized, and intentionally designed within a compact Mini PC.

Track physical breaches to help protect hardware
Detect unauthorized device access with an intrusion sensor that logs chassis openings, alerts users at the next boot up, and can be configured to require an administrative password, all to help safeguard hardware integrity.[11]

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Technical specifications

Available Operating Systems	Windows 11 Pro[1] Windows 11 Home – HP recommends Windows 11 Pro for business[1] FreeDOS[1]
Processor family	Intel® Core™ 7 processor Intel® Core™ 5 processor Intel® Core™ 3 processor
Available Processors	Intel® Core™ 7 350 (up to 4.8 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 6 cores, 6 threads) with Intel® Graphics and Intel® AI Boost (17 NPU TOPS); Intel® Core™ 5 320 (up to 4.6 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 6 cores, 6 threads) with Intel® Graphics and Intel® AI Boost (16 NPU TOPS); Intel® Core™ 5 315 (up to 4.4 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 6 cores, 6 threads) with Intel® Graphics and Intel® AI Boost (15 NPU TOPS); Intel® Core™ 3 304 (up to 4.3 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 5 cores, 5 threads) with Intel® Graphics and Intel® AI Boost (15 NPU TOPS)
Neural Processing Unit	Intel® AI Boost
Form factor	Mini
Maximum memory	32 GB DDR5-5600 MT/s or 16 GB LPDDR5X-8533 MT/s; [5,6] Transfer rates up to 5600/8533 MT/s.
Memory slots	1 SODIMM
Internal storage	256 GB up to 2 TB PCIe® NVMe™ M.2 SSD[2,3]
Available Graphics	Integrated: Intel® UHD Graphics [9] (Integrated graphics will depend on processor.)
Audio	Realtek ALC3205 codec, internal speaker, combo microphone/headphone jack
Expansion slots	1 M.2 2230; 1 M.2 2280 (1 M.2 slot for WLAN and 1 M.2 2280 slots for storage.)
Ports and connectors	Front: 1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo ; Rear: 2 USB Type-A 5Gbps signaling rate; 1 RJ-45; 2 USB Type-A 480Mbps signaling rate; 1 DisplayPort™ 2.1; 1 HDMI 2.1 TMDS ; Optional Ports: Flex IO port 1 – choose one of the following options: DisplayPort™ 2.1, HDMI 2.1, 1 SuperSpeed USB Type-C® 10Gbps signaling rate (100 W Power intake), 2 SuperSpeed USB Type-A 5Gbps signaling rate, VGA, Serial; Flex IO port 2 – choose one of the following options: 2 SuperSpeed USB Type-A 5Gbps signaling rate or Serial[7]
Input devices	HP 175 Wired Keyboard; HP 175 Antimicrobial Wired Keyboard; HP 275 Black Wireless Keyboard and Mouse combo[10,11]; HP 175 Wired Mouse; HP 175 Antimicrobial Wired Mouse[10,11]
Communications	LAN: Intel® I219-V PCIe® GbE LOM, non-vPro® ; WLAN: MediaTek Wi-Fi 6E RZ616 (2x2) and Bluetooth® 5.3 wireless card; Realtek Wi-Fi 6 RTL8852BE-VT 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.4 wireless card[8]
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Software	Buy Microsoft Office (sold separately)[15]; Edge Customization; HP Desktop Support Utilities; HP Hotkey support; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP App[16]; HSA Fusion for Commercial; HSA Telemetry for Commercial; McAfee LiveSafe™
Security management	HP TPM Configuration Utility; Power-on password (via BIOS); HP DriveLock and Automatic DriveLock

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Management features	HP Client Catalog (download)[12]; HP Client Management Script Library (download)[13]; HP Driver Packs (download)[14]
Power	65 W external barrel type power adapter, up to 89% efficiency; 65 W external Slim USB Type-C® AC 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; 19.57 x 8.78 x 5.04 in 49.7 x 22.3 x 12.8 cm (Package)
Weight	Starting at 2.07 lb; Starting at 0.97 kg
Sustainable impact specifications	At least 60% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure and I/O strip; 100% recycled rare earth elements in speaker; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% from certified or recycled sources and recyclable; Bulk packaging available

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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] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
[4] Optional feature that must be configured at the time of purchase.
[5] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT criteria. 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.
[6] 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.
[7] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
[8] Microsoft Copilot requires Windows 11. Some features require an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures .
[9] Single Power On only compatible with HP PCs with Windows 10 or higher.
[11] Intrusion Sensor must be enabled via BIOS Setup menu. See https://www.hp.com/ctg/Manual/c00380853.pdf for more information.

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 hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows) of system disk is reserved for the 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.
[5] All memory slots are customer accessible / upgradeable.
[6] Actual data rate is determined by both the system's configured processor and memory module installed.
[7] Ports are optional and only one can be chosen by user.
[8] Wireless access point and internet service required.
[9] Intel® integrated UHD Graphics varies by processor.
[10] Availability may vary by country.
[11] Sold separately or as an optional feature.
[12] HP Client Catalog not preinstalled, however available for download at https://www.hp.com/us-en/solutions/client-management-solutions.html .
[13] HP Client Management Script Library https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools .
[14] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement .
[15] Microsoft 365 sold separately and requires Internet access for activation.
[16] HP app requires Windows 10 or higher OS.

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