

HP ProDesk 4 SFF G1i Desktop AI PC



Key Experiences and Product Specs



Empower tech experts and administrative staff to work smarter with an AI-enabled PC that evolves with their needs.

Key Product Experiences

Enhanced productivity for smoother operations: Redefine efficiency and control with an AI-enhanced PC built to grow with your business. With an Intel® Core™ Ultra CPU¹, 13 TOPS NPU², and numerous graphics options⁴, this customizable and scalable PC helps meet evolving productivity and security needs.

Modular options keep up with growing businesses: Dynamically scale, improve performance, and expand functionality with multiple USB ports and support for up to seven displays.^{5,6} This space-saving small form factor PC helps optimize your workspace by sitting horizontally or vertically.

Work protected and secure: In addition to a physical security lock, HP Tamper Lock⁷ for BIOS protection and intrusion sensor for detecting and alerting to unauthorized opening of the chassis, HP Wolf Security for Business⁸ 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 ⁹
Processor(s)	Latest Gen Intel® Processors ¹ 65W up to Ultra 7/Q870, Intel vPro® ¹⁰ Enterprise optional Up to 13 TOPS NPU ²
Graphics	Integrated: Intel® UHD Optional discrete graphic card options: ⁴ <ul style="list-style-type: none"> • AMD Radeon™ RX 6300 2GB • NVIDIA® A1000 8GB • NVIDIA® A400 4GB
Memory	Up to 64 GB DDR5 5600 MT/s ¹¹
Storage & Drive Bays	2x M.2 SSD slots, up to 4TB max (1) 3.5" Bay, (1) 9.5mm slim ODD ¹² (Up to 2TB PCIe® NVMe™ TLC M.2 SSD ¹² (PCIe® Gen4); Up to 512GB PCIe® NVMe™ Opal2 TLC M.2 SSD; Up to 1TB PCIe® NVMe™ Value M.2 SSD) ¹² 1x 3.5" HDD bays, up to 2TB max 1x 9.5mm slim SATA ODD ¹²
Input/Connectivity	Front – (3) SuperSpeed USB Type-A 10Gbps signaling rate ports ¹³ ; (1) SuperSpeed USB Type-C® 10Gbps signaling rate port ¹³ ; (1) Combo Audio Jack; Rear – (1) audio Line-out; (1) RJ-45; (2) SuperSpeed USB Type-A 5Gbps signaling rate ¹³ ports; (3) USB Type-A 480Mbps signaling rate ports ¹³ ; (1) DisplayPort™ 2.1; (1) HDMI 2.1; 1 st Flex IO : (1) Choice of 2.5Gbps signaling rate ¹³ RJ45/ Serial / DisplayPort™ 2.1/HDMI 2.1/VGA, dual USB-A (5Gbps signaling rate ¹³) or USB-C SuperSpeed USB 10Gbps signaling rate ¹³ with DisplayPort™ Alt mode; PCIe®;(1)Optional Parallel port via PCIe®; (1) 4x serial via PCIe®
Wireless technology	LAN: Intel I226-T1 2.5GbE Ethernet Network WLAN: Intel® AX211 Wi-Fi 6E ^{14,15} + Bluetooth® 5.3 wireless card WW; Intel® AX211 Wi-Fi 6E ^{14,15} Intel vPro® ¹⁰ 160MHz+ Bluetooth® 5.3 wireless card WW; Realtek 8852BE-VT Wi-Fi 6 ¹⁶ + Bluetooth® 5.4 wireless card WW; Realtek 8852CE Wi-Fi 6E ^{14,15} + Bluetooth® 5.3 wireless card WW
Power	180W/280W
Weight and Dimensions	303.5 x 308 x 100 mm (11.95 x 12.13 x 3.94 in) Starting at 4.55 kg (10 lbs) ¹⁷
Color	Black
Expansion Slots	(1) PCIe® 4.0 x16 (dGPU), (1) PCIe® 4.0 x1
Sustainable Impact Specifications	EPEAT Climate+™ Gold ¹⁸ , ENERGY STAR® and TCO certified; enclosure, fan housing / ducts & front I/O strip made from recycled material including ocean-bound plastics ¹⁹ ; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable ²⁰ ; Outside box and corrugated cushions are 100% sustainably sourced and recyclable ²⁰ ; low halogen ²¹ ; Bulk packs available ²² ; 2025 Sustainability Goals (OBP, PCR, recycled steel, packaging, power cord).
Security & Manageability	HP Wolf Security for Business ⁸ ; HP Sure Start ²³ , HP Sure Run ²⁴ , HP Sure Admin ²⁵ , HP Tamper Lock ⁷ ; HP On Demand Lock

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. Sold separately or as an optional feature.
5. Support for up to seven displays on the HP ProDesk 4 SFF requires NVIDIA® A400 discrete graphics card (2 native + 1 optional flex IO + 4 on GFX). Support for up to five displays requires AMD Radeon RX 6300 graphics card (2 native + 1 optional flex IO + 2 on GFX). Choose VGA, HDMI, DisplayPort or USB-C® with DisplayPort as optional flex IO port.
6. Options available for flex port may be limited. Ports must be configured at the time of purchase.
7. HP Tamper Lock must be enabled by the customer or your administrator.
8. 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.
9. 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>.
10. 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.
11. Memory modules support data transfer rates up to 4800 MT/s; system speed up to 4400 MT/s, following Intel's design guideline. Actual data rate is determined by the system configuration. To achieve optimal memory speed, HP strongly recommends to use identical memory modules (e.g., same capacity, same part number and from the same supplier) within the same memory channel.
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 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.

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