HP ProDesk 2 Tower G1i E Desktop PC

Maximize efficiency with business-boosting expandability

The ProDesk 2 Tower G1i helps optimize business resources. Equipped with a powerful Intel® processor[2], essential tools, and security features for business, this affordably priced and easy to set up PC has a scalable and functional design that can grow with your business.

Powered-up performance boosts efficiency

Be confident that you're prepared for work-day challenges. The latest Intel® Gen 14 processor[2], with support for up to 64 GB of DDR5 memory[3], and a super-fast NVMe SSD consolidate to help improve effectiveness and productivity.

Easily expandable with front and rear ports

Easily connect temporary peripherals with four USB ports, including one USB-C™, conveniently located on the front panel of this tower PC. The four USB ports on the rear panel provide a neat work area when connecting fixed devices.

Help keep hardware and data safe

Help protect your investment and your data with firmware TPM, a padlock loop[4] to protect the chassis from intrusion, and slim cable lock and integrated accessory lock systems to secure your PC and cabled devices.[4]



*Product image may differ from actual product

Sustainability in action

Outer box packaging 100% sustainably sourced

EPEAT® registered[6] and ENERGY STAR® certified–uses 100% sustainably sourced and recyclable outer box packaging.[5]

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Featuring

HP Recommends Windows 11 Pro for Business
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.[1,8]

Latest Intel® multi-core processor
Configure your HP ProDesk 2 Tower's CPU for the perfect combination of power, snappy performance, and value. With up to an Intel® Core™ i7 processor (14th Gen) and up to 64 GB DDR5 memory, handle multiple work tasks smoothly and reliably.[2,3]

Advanced wireless connectivity
Get a great connectivity experience, even in crowded wireless networks, with fast, reliable Wi-Fi 6E. The Internal antenna helps improve range and optimize signal strength, especially in larger areas or spaces with obstacles.[9]

Help secure critical data
The firmware Trusted Platform Module (TPM) provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.

Optimized port layout for easy access
Enable use of existing and new peripherals with plenty of ports in an easy-access layout. The layout includes a front USB-C® and 3 USB 3.1 ports and 4 USB 2.0 ports on the back of the tower. A DisplayPort™ and HDMI port provide display flexibility.[10]

Flexible options to meet your computing needs
Add an optional DVD/DVD-RW, 3.5-inch HDD, or serial port when special resources are needed to effectively handle a range of tasks requiring these features.[3]

Expandable, optimized compatibility via PCIe slot
Add more functionality to your PC, increasing input/output options with PCIe, a high-speed interface. Supporting a PS/2 adapter, 4 serial ports, or 4 parallel ports to connect legacy hardware, networking equipment, and more.[11]

Set power efficiency with varied power supply options
Get the power supply that best fits your power requirements and computing needs for expandability and choice of graphics cards. Choose between 180 W, 280 W, and 400 W–all certified 80 PLUS Platinum.[12]

Prevent chassis intrusion with a padlock loop
Keep bad actors from accessing the internal components of this tower PC. Simply place a padlock through the loop and lock to keep the chassis cover in place.[4]

Secure your PC hardware and accessories with cable locks
Deter theft of your PC and peripherals with an integrated cable lock slot and a slim cable lock slot on this ProDesk 2 Tower G1i. Simply connect your cable to the integrated slot and lock to help protect your computing investment.[4]

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Technical specifications

Available Operating Systems	Windows 11 Pro[1] Windows 11 Home – HP recommends Windows 11 Pro for business[1] Windows 11 Home Single Language – HP recommends Windows 11 Pro for business[1,2,20] FreeDOS
Processor family	Intel® Pentium® processor 13th Generation Intel® Core™ i7 processor 13th Generation Intel® Core™ i5 processor 13th Generation Intel® Core™ i3 processor Intel® Core™ i3 14th generation processor Intel® Core™ i5 14th generation processor Intel® Core™ i7 14th generation processor
Available Processors[3,4,5,20]	Intel® Core™ i3-13100 (3.4 GHz P-core base frequency, up to 4.5 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 0 E-cores, 8 threads) Intel® Core™ i5-13400 (1.8 GHz E-core base frequency, 2.5 GHz P-core base frequency, up to 3.3 GHz E-core Max Turbo frequency, up to 4.6 GHz P-core Max Turbo frequency, 20 MB L3 cache, 6 P-cores and 4 E-cores, 16 threads) Intel® Core™ i5-13500 (1.8 GHz E-core base frequency, 2.5 GHz P-core base frequency, up to 3.5 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 20 threads) Intel® Core™ i3-14100 (3.5 GHz P-core base frequency, up to 4.7 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 0 E-cores, 8 threads) Intel® Core™ i7-14700 with Intel UHD Graphics (1.5 GHz E-core base frequency, 2.1 GHz P-core base frequency, up to 4.2 GHz E-core Max Turbo frequency, up to 5.3 GHz P-core Max Turbo frequency, 33 MB L3 cache, 8 P-cores and 12 E-cores, 28 threads) Intel® Pentium® 300 with Intel® UHD Graphics (3.9 GHz base frequency, 6 MB L3 cache, 1 core, 4 threads) Intel® Core™ i5-14500 with Intel UHD Graphics (1.9 GHz E-core base frequency, 2.6 GHz P-core base requency, up to 3.7 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 20 threads) Intel® Core™ i5-14400 with Intel UHD Graphics (1.8 GHz E-core base frequency, 2.5 GHz P-core base requency, up to 3.5 GHz E-core Max Turbo frequency, up to 4.7 GHz P-core Max Turbo frequency, 20 MB L3 cache, 6 P-cores and 4 E-cores, 16 threads) Intel® Core™ i7-13700 (1.5 GHz E-core base frequency, 2.1 GHz P-core base frequency, up to 4.1 GHz E-core Max Turbo frequency, up to 5.1 GHz P-core Max Turbo frequency, up to 5.2 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 8 P-cores and 8 E-cores, 24 threads)
Chipset[3]	Intel® H770
Form factor	Tower
Maximum memory	64 GB DDR5-5600 MT/s; [6] Transfer rates up to 5600 MT/s.
Memory slots	2 DIMM
Internal storage	up to 2 TB 7200 rpm SATA HDD[7,20,21] 256 GB up to 2 TB PCIe® NVMe™ M.2 SSD[7,21] 512 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD[7,20,21]
Optical drive	HP 9.5 mm Slim DVD-Writer; HP 9.5 mm Slim DVD-ROM [8]
Available Graphics	Integrated: Intel® UHD Graphics 730; Intel® UHD Graphics 770; Intel® UHD Graphics 710 Discrete: Intel® Arc™ A380 Graphics (6 GB GDDR6 dedicated); AMD Radeon™ RX 6300 Graphics (2 GB GDDR6 dedicated)[24]
Audio	Realtek ALC3602-CG codec, combo audio jack with CTIA and OMTP headset support, audio line in and out, microphone in and re- tasking on jacks.
Expansion slots	2 M.2; 1 PCIe 3 x1; 1 PCIe 4 x16 [9,10,11] (1 M.2 slot for WLAN and 1 M.2 2242/2280 slot for storage.)
Ports and connectors	Front: 1 USB Type-C® 10Gbps signaling rate; 3 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo ; Rear: 4 USB 2.0 Type-A; 1 HDMI 1.4b; 1 DisplayPort™ 1.4a; 1 RJ-45; 1 power connector; 1 audio line-in/line-out; 1 serial (optional)[11,20] ; Optional Ports: 1 4x serial; 1 parallel; 1 PS/2[20,23]
Input devices	HP 125 Antimicrobial Wired Keyboard; HP 655 Wireless Keyboard and mouse combo; HP USB 320K Keyboard; HP USB Business Slim Wired SmartCard CCID Keyboard; HP 125 Wired Mouse; HP 128 Laser Wired Mouse; HP 125 Antimicrobial Wired Mouse; HP USB Hardened Optical Wired Mouse; HP Wired 320M Mouse
Communications	LAN: Integrated 10/100/1000M GbE; Intel® I226-T1 PCIe® 2.5 GbE ; WLAN: Realtek Wi-Fi 6E RTL8852CE 802.11a/b/g/n/ax (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
Drive Bays	One 3.5" HDD [20,22]
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 15 to 80% RH
Software	HP Documentation[12,13,20]; HP Setup Integrated OOBE; HP Support Assistant; HP System Event Utility; McAfee Online Protection 30-day trial; Buy Microsoft Office (sold separately)
Security management	Padlock loop; Trusted Platform Module (TPM) 2.0; Integrated accessories cable lock; Slim cable lock

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Power	180 W internal power supply, up to 90% efficiency, active PFC; 400 W internal power supply, up to 92% efficiency, active PFC; 280 W internal power adapter, up to 92% efficiency, active PFC[17]
Dimensions	15.5 x 30.8 x 33.7 cm; (System dimensions may fluctuate due to configuration and manufacturing variances.); 49.9 x 40 x 28.7 cm (Package)
Weight	5.98 kg; (Exact weight depends on configuration.)
Ecolabels	CECP; EPEAT® registered; CEL; Ukraine EE; Korea MEPS; Vietnam MEPS; ErP Lot 3[18]
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	45% post-consumer recycled plastic[19]

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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 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] 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] Optional feature that must be configured at the time of purchase.
[4] Cables and locks sold separately and not included.
[5] 100 percent outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100 percent recycled wood fiber and organic material. Any plastic cushions are made from >90 percent recycled plastic.
[6] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit http://www.epeat.net for more information.
[8] Microsoft Copilot requires Windows 11. Some features require an NPU. Timing and availability will be dependent on Microsoft and 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] 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.
[10] DisplayPort and HDMI ports are optional features that must be configured at the time of purchase. Displays not included and sold separately.
[11] I/O port options must be configured at the time of purchase. Hardware and networking equipment sold separately and not included.
[12] Wattage must be configured at the time of purchase.

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] This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
[3] 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 .
[4] 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.
[5] Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
[6] Full availability of 4 GB or more of memory requires a 64-bit operating system. With Windows 32-bit operating systems, the amount of usable memory is dependent upon your configuration, so that above 3 GB all memory may not be available due to system resource requirements. Memory modules support data transfer rates up to 3200 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate.
[7] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) of disk is reserved for system recovery software.
[8] 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.
[9] Card sold separately.
[10] 4 serial port: optional via PCIe slot, and only available for specific region.
[11] HDMI/VGA ports will be covered up when a non-internal graphics processor is configured on shipped machine.
[12] McAfee LiveSafe™: subscription required.
[13] HP Support Assistant is available on Windows. For more information, please visit www.support.hp.com/help/hp-support-assistant .
[14] Security cable lock supported (sold separately).
[15] TPM feature will be supported on machine pre-configured with FreeDOS, and will be default set as enabled in BIOS setup menu if the machine is dTPM, but will be default set as disabled in BIOS setup menu if the machine is fTPM.
[16] Physical cable lock for cable management.
[17] All power supplies are not available in every region.
[18] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
[19] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[20] Available on select skus only.
[21] Starting November 1, 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.
[22] One 3.5" HDD only for systems with 14th Generation Intel® Core™ processors.
[23] 3-in-1 SD card reader only available with 12th Generation Intel® Core™ processors.
[24] NVIDIA® Quadro® T400, only available for specific models.
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