

# HP ProDesk 4 Mini G1i Desktop AI PC

## Power big ideas in small spaces with a single cable and AI

Deliver versatile cutting-edge technology for efficient performance with the HP ProDesk 4 Mini G1i Desktop AI PC. Deploy in diverse workspaces with a space-saving single cable, connecting and powering your mini PC.<sup>3</sup>

### Small-scale tech for optimal deployment

Occupy minimal workspace with the compact commercial-grade ProDesk 4 Mini AI PC. At around 1 liter in volume, sit this PC neatly on your desk or mount to the back of a monitor.<sup>4</sup> A single cable connection provides tidy cable management.<sup>3</sup>

### Powerful, adaptive desktop performance

Accomplish minor tasks to complex projects with an Intel® Core™ Ultra CPU<sup>2</sup> and 13 TOPS NPU.<sup>5</sup> This mini desktop provides smooth performance and diversified upgradability with the Intel Q870 chipset, optional vPro<sup>6</sup>, and essential ports.

### Innovate and upgrade with dual SSDs and toolless access

Ensure your fleet is ready to grow with your business. Enhance performance with dual SSDs, holding up to 2 TB of storage each.<sup>7</sup> Access the chassis of this mini desktop without tools for easy upgrades and maintenance.



\*Product image may differ from actual product

## Sustainability in action

### Help protect our shared future

The EPEAT® Gold with Climate+ registered<sup>8</sup>, Energy Star and TCO 10 certified HP ProDesk 4 Mini G1i Desktop AI PC uses 100 percent HP paper-based packaging from recycled or certified sustainable sources.<sup>9</sup>



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## 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.<sup>1,11</sup>

### Intel® multi-core processor

Configure your HP ProDesk 4 Mini G1i 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.<sup>2,5,6</sup>

### Choose the ports you need

This ProDesk 4 Mini G1i Desktop comes with a choice of useful ports for all your business needs. Choose from a variety of options for two flex ports: USB Type-C® with 100W Power Delivery, HDMI, DisplayPort™, VGA, one or two serial, or dual USB-A.<sup>12</sup>

### Flexible mounting options

Arrange your workspace with multiple, versatile mounting options and holders for your PC and power supply. Choose standard setup or use a mounting plate or secure VESA sleeve and EPS holder, optimizing to the way you work.<sup>4</sup>

### Speed up the basics of IT management

Deploy the HP Manageability Integration Kit to help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft Endpoint Manager.<sup>13</sup>

### 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 PCIe Gen 4 SSDs and up to 64 GB 5600 MT/s DDR5 memory.<sup>6,7</sup>

### HP Mini desktop and display – better together

Choose Full HD resolution or higher with full compatibility and support for HP displays, featuring offerings from supreme value to premium, and everything in between.<sup>15,16</sup>

### Enhanced security and performance – remotely executed

Choose the Intel® Q870 vPro® chipset for advanced security features and threat detection. Modern hardware support provides stability and performance—all managed remotely for IT cost efficiency and ultimate productivity.<sup>6</sup>

### Streamline your workspace with a single cable connection

Deploy your HP ProDesk 4 Mini with the convenience of a single cable connection to an HP monitor. Access power delivery while creating space for productivity, whether that space becomes highly organized or controlled chaos.<sup>3,17</sup>

### Robust security against quantum computing attacks

Fortify your workforce against quantum threats with the latest HP Endpoint Security Controller (ESC). Built into select HP PCs, ESC helps protect firmware against quantum computer attacks, ensuring the integrity of sensitive and regulated data.<sup>18</sup>

### 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.<sup>19</sup>

### A self-healing solution

Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start, the self-healing BIOS that automatically recovers itself from attacks or corruption.<sup>20</sup>



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## Technical specifications

Available Operating Systems	Windows 11 Pro <sup>1</sup> Windows 11 Pro Education <sup>1</sup> Windows 11 Home – HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Home Single Language – HP recommends Windows 11 Pro for business <sup>1</sup> FreeDOS
Processor family	Intel® Core™ Ultra 7 processor Intel® Core™ Ultra 5 processor
Available Processors	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 <sup>3</sup>	Intel® Q870 (vPro®)
Product colour	Jack black
Form factor	Mini
Maximum memory	64 GB DDR5-5600 MT/s Transfer rates up to 5600 MT/s.
Memory slots	2 DIMM
Audio	Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support
Expansion slots	1 M.2 2230; 2 M.2 2280 (1 M.2 slot for WLAN and 2 M.2 2280 slots for storage.)
Ports and connectors	Front: 1 USB Type-C® 20Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate; 1 headphone/microphone combo ; Rear: 3 USB Type-A 5Gbps signaling rate; 1 HDMI 2.1; 1 RJ-45; 1 power connector; 2 DisplayPort™ 2.1; 2 external antenna connector ; Optional Ports: Flex IO port 1 – choose one of the following options: 1 VGA, 1 serial, 1 DisplayPort™ 2.1, 1 HDMI 2.1, 1 Dual USB 2.0 Type-A 5Gbps signaling rate, 1 SuperSpeed USB 10Gbps signaling rate (100W Power Intake via USB Type-C®, Alt Mode DisplayPort™); Flex IO port 2 – choose one of the following options: 1 serial, 1 Dual USB 2.0 Type-A 5Gbps signaling rate
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 <sup>6</sup> ; HP 125 Wired Mouse; HP 128 Laser Wired Mouse; HP 125 Antimicrobial Wired Mouse; HP USB Hardened Optical Wired Mouse; HP Wired 320M Mouse <sup>6</sup>
Communications	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; 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)
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Software	Buy Microsoft Office (sold separately) <sup>14</sup> ; HP Hotkey support; HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Services Scan <sup>15</sup> ; HP Setup Integrated OOB; HP Smart Support <sup>16</sup> ; HP Support Assistant <sup>17</sup> ; HSA Fusion for Commercial; HSA Telemetry for Commercial; myHP; myHP with Multicamera support; Poly Lens <sup>18</sup>
Security management	Secured-Core PC Enable; HP Wolf Security for Business includes: HP Sure Start, HP Secure Erase <sup>19</sup> ; HP Sure Admin <sup>20</sup> ; HP Sure Click <sup>21</sup> ; HP Sure Run <sup>22</sup> ; HP Sure Sense <sup>23</sup> ; HP Sure Recover <sup>24</sup> ; HP Sure Start <sup>25</sup> ; HP Tamper Lock <sup>26</sup> ; Absolute Persistence Module <sup>27</sup> ; Audio Permanent Disable; HP BIOS Recovery; BIOS Update via Network; HP BIOSphere <sup>28</sup> ; HP Secure Erase <sup>29</sup> ; HP DriveLock and Automatic DriveLock



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Management features	HP Client Catalog (download) <sup>7</sup> ; HP Client Management Script Library (download); HP Cloud Recovery <sup>8</sup> ; HP Connect for Microsoft Endpoint Manager <sup>9</sup> ; HP Driver Packs (download) <sup>10</sup> ; HP Image Assistant (download) <sup>11</sup> ; HP Manageability Integration Kit (download) <sup>12</sup> ; HP Patch Assistant (download) <sup>13</sup>
Power	90 W external power adapter, up to 89% efficiency; 100 W external USB Type-C® power adapter, up to 88% efficiency
Dimensions	17.7 x 18.1 x 3.42 cm; 48.1 x 10.5 x 24 cm (Package)
Weight	1.2 kg
Ecolabels	EPEAT® registered with Climate+ <sup>30</sup>
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 55% post-consumer recycled plastic; 100% recycled rare earth elements in speaker; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Up to 90% of Ocean-bound plastic in speaker enclosure and I/O strip



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## Footnotes

## Messaging Footnotes

<sup>2</sup> 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.

<sup>3</sup> Single cable feature supported on select HP 7 and 5 Pro series displays and a Type-C flexport module that must be configured at the time of purchase.

<sup>4</sup> Mounting hardware and EPS holder not included and sold separately.

<sup>5</sup> 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.

<sup>6</sup> Optional feature that must be configured at the time of purchase.

<sup>7</sup> For 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.

<sup>8</sup> 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.

<sup>9</sup> 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.

<sup>1</sup> 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. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

<sup>11</sup> 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.

<sup>12</sup> Options available for each flex port may be limited. Ports must be configured at the time of purchase.

<sup>13</sup> HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html> .

<sup>15</sup> Full high-definition (FHD) images require FHD content.

<sup>16</sup> HP displays sold separately.

<sup>17</sup> Requires 100W power delivery USB Type-C cable, sold separately and not included.

<sup>18</sup> Requires Windows 10 or higher. For supported HP PCs with the latest HP Endpoint Security Controller (Gen 5). See <https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA8-3644ENW> .

<sup>19</sup> 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.

<sup>20</sup> HP Sure Start is available on select HP PCs and requires Windows 10 or higher.

## Specification Footnotes

<sup>3</sup> For full Intel® vPro® functionality, Windows 10 Pro 64 bit, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or WLAN card and TPM 2.0 are required. Some functionality requires additional 3rd party software in order to run. See <http://intel.com/vpro> .

<sup>4</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs.

<sup>5</sup> 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.

<sup>6</sup> Availability may vary by country (Antimicrobial China only)

<sup>7</sup> HP Client Catalog not preinstalled, however available for download at <https://www.hp.com/us-en/solutions/client-management-solutions.html> .

<sup>8</sup> 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>.

<sup>9</sup> 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.

<sup>10</sup> HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement> .

<sup>11</sup> HP Image Assistant not preinstalled, however available for download at <https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html> .

<sup>12</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement> .

<sup>13</sup> HP Patch Assistant available on select HP PCs with the HP Manageability Kit that are managed through Microsoft System Center Configuration.

<sup>14</sup> Microsoft 365 sold separately and requires Internet access for activation.

<sup>15</sup> 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> .

<sup>16</sup> 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> .

<sup>17</sup> HP Support Assistant is available on Windows. For more information, please visit <http://www.support.hp.com/help/hp-support-assistant> .

<sup>18</sup> Poly Lens Desktop requires a Windows OS.

<sup>19</sup> 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.

<sup>20</sup> 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.

<sup>21</sup> HP Sure Click requires Windows 10 Pro or higher or Enterprise. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.

<sup>22</sup> HP Sure Run is available on select HP PCs and requires Windows 10 and higher.

<sup>23</sup> HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

<sup>24</sup> 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.

<sup>25</sup> HP Sure Start is available on select HP PCs and requires Windows 10 and higher.

<sup>26</sup> HP Tamper Lock can be Enabled/disabled by customers or IT administrator with administrator authority.

<sup>27</sup> 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/> .

<sup>28</sup> HP BIOSphere features may vary depending on the platform and configuration.

<sup>29</sup> HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special.

<sup>30</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®, Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

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