

**HP ProDesk 4 G1i AI - SFF Core Ultra 7 265 2.4 GHz - 16 GB - SSD 512 GB - UK - with HP Wolf Pro Security Edition (1 year)(9H7T9ET#ABU)**

**HP ProDesk 4 G1i AI - SFF Core Ultra 7 265 / up to 5.3 GHz - RAM 16 GB - SSD 512 GB - NVMe - Intel Graphics - Gigabit Ethernet, IEEE 802.11ax (Wi-Fi 6), Bluetooth 5.4 - Win 11 Pro - monitor: none - keyboard: UK - jack black - Smart Buy - with HP Wolf Pro Security Edition (1 year)**



The HP ProDesk 4 G1i AI is designed for efficiency and productivity in any workspace. With its ultra small form factor chassis, it allows for flexible placement while still providing powerful performance. The Intel Core Ultra 7 processor ensures that demanding applications run smoothly. Equipped with 30 MB of L3 cache and support for up to 64 GB of DDR5 RAM, this system handles multitasking with ease.

The device supports modern connectivity options, featuring a variety of ports including USB-C 3.2 Gen 2x2, HDMI, and DisplayPort 2.1. Ensure seamless collaborations and connections with integrated Wi-Fi 6E and Bluetooth 5.3 capabilities. With features like EPEAT compliance and ENERGY STAR certification, this personal computer is efficient in performance and energy use.

Key Selling Points

- Ultra small form factor chassis for versatile placement
- Intel Core Ultra 7 processor with Turbo Boost for high performance
- Supports up to 64 GB of DDR5 RAM for efficient multitasking
- Wi-Fi 6E and Bluetooth 5.3 for fast connectivity options
- EPEAT compliant and ENERGY STAR certified for energy efficiency

Product Features

Compact design

The ultra small form factor chassis allows for versatile placement in any workspace, making it convenient for both home and office environments.

Powerful processing

Featuring an Intel Core Ultra 7 processor with Hyper-Threading Technology, this personal computer provides strong performance for demanding applications.

Advanced memory support

Equipped with 30 MB of L3 cache and support for up to 64 GB of DDR5 RAM, the system can efficiently handle multiple tasks and applications simultaneously.

Modern connectivity

Includes a range of ports such as USB-C 3.2 Gen 2x2, HDMI, and DisplayPort 2.1 to facilitate fast connections with peripherals and displays.

Energy efficient

With EPEAT compliance and ENERGY STAR certification, the HP ProDesk 4 G1i AI focuses on reducing energy consumption without sacrificing performance.

Main Specifications

|                             |                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Product Description         | HP ProDesk 4 G1i AI - SFF Core Ultra 7 265 2.4 GHz - 16 GB - SSD 512 GB - UK - with HP Wolf Pro Security Edition (1 year) |
| Type                        | Personal computer - SFF                                                                                                   |
| Localisation                | Language: English / region: United Kingdom                                                                                |
| Processor                   | Intel Core Ultra 7 (Series 2) 265 / 2.4 GHz (up to 5.3 GHz, (20-core)                                                     |
| Processor Main Features     | Intel Turbo Boost Technology                                                                                              |
| Neural Processor Unit (NPU) | Intel AI Boost - up to 13 TOPS                                                                                            |
| Cache Memory                | 30 MB L3 Cache                                                                                                            |
| Cache Per Processor         | 30 MB                                                                                                                     |
| RAM                         | 16 GB (installed) / 64 GB (max) - DDR5 SDRAM                                                                              |

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hard Drive                   | SSD 512 GB - PCI Express - M.2 - NVMe Express (NVMe)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Optical Storage              | No optical drive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Graphics Controller          | Intel Graphics - up to 8 TOPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Audio Output                 | Stereo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Networking                   | 1GbE, 802.11a, 802.11b/g/n, Wi-Fi 5, Wi-Fi 6, Bluetooth                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Keyboard                     | UK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Power                        | (50/60 Hz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OS Provided                  | Windows 11 Pro                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Software Included            | HP Support Assistant, HP Hotkey Support, HP PC Hardware Diagnostics UEFI, HP Secure Erase, HP BIOSphere, HP Setup Integrated OOBE, HP Notifications, HP Sure Click, HP Sure Run, HP Sure Recover, HP Privacy Settings, HP Sure Sense, HP Sure Admin, HP DriveLock, myHP, HSA Fusion for Commercial, HSA Telemetry for Commercial, HP Tamper Lock, Absolute Persistence Module, HP Smart Support, Poly Lens management software, HP PC Hardware Diagnostics Windows, HP Services Scan, HP Sure Start, myHP with Multicamera support |
| Colour                       | Jack black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Dimensions (WxDxH)           | 30.3 cm x 30.8 cm x 10 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Weight                       | 4.53 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer Selling Program | HP Smart Buy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Bundled with                 | HP Wolf Pro Security Edition (1 year)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Extended Specification

General

|                     |                                                 |
|---------------------|-------------------------------------------------|
| Type                | Personal computer                               |
| Product Form Factor | SFF                                             |
| Sensors             | HP Tamper Lock                                  |
| Embedded Security   | Trusted Platform Module (TPM 2.0) Security Chip |
| Colour              | Jack black                                      |
| Localisation        | Language: English / region: United Kingdom      |
| Bundled with        | HP Wolf Pro Security Edition (1 year)           |

Expansion / Connectivity

|            |                                                                                                                                                                                                                                                                                                                                                                         |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bays       | 1 (total) / 1 (free) x internal 3.5" ¦ 1 (total) / 1 (free) x external 5.25" Slim Line                                                                                                                                                                                                                                                                                  |
| Slots      | 2 (total) / 1 (free) x M.2 Card - 2280 (PCIe 4.0 x4 mode (for internal storage)) ¦ 1 (total) / 0 (free) x M.2 Card - 2230 (PCIe 3.0 x1 mode (for wireless module)) ¦ 1 (total) / 1 (free) x PCIe 4.0 x16 ¦ 1 (total) / 1 (free) x PCIe 4.0 x1                                                                                                                           |
| Interfaces | 1 x USB-C 3.2 Gen 2 (1 front) ¦ 3 x USB 3.2 Gen 2 - Type A (3 in front) ¦ 1 x headphones/microphone (1 front) (CTIA and OMTP headset support) ¦ 2 x USB 3.2 Gen 1 - Type A (2 rear) ¦ 1 x DisplayPort 2.1 (1 rear) ¦ 1 x HDMI (1 rear) ¦ 1 x LAN (Gigabit Ethernet) (1 rear) ¦ 3 x USB 2.0 - Type A (3 rear) (wake functionality) ¦ 1 x audio line-out/line-in (1 rear) |

RAM

|                        |                                 |
|------------------------|---------------------------------|
| Installed Size         | 16 GB (installed) / 64 GB (max) |
| Technology             | DDR5 SDRAM                      |
| Effective Memory Speed | 5600 MT/s                       |
| Rated Memory Speed     | 5600 MT/s                       |
| Form Factor            | DIMM 288-pin                    |
| Slots                  | 2 (Total) / 0 (empty)           |
| Features               | Unbuffered                      |
| Configuration Features | 2 x 8 GB                        |

**Networking**

|                            |                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interface (Bus) Type       | PCI Express Mini Card (M.2)                                                                                                                                                               |
| Ethernet Controller        | Intel I219-LM                                                                                                                                                                             |
| Wireless LAN Supported     | Yes                                                                                                                                                                                       |
| Wireless NIC               | Realtek RTL8852BE-VT                                                                                                                                                                      |
| Data Link Protocol         | Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6), Bluetooth 5.4                                  |
| Remote Management Protocol | SNMP 2                                                                                                                                                                                    |
| Features                   | Wake on LAN (WoL), PXE 2.1 support, dual stream (2x2)                                                                                                                                     |
| Compliant Standards        | IEEE 802.11b, IEEE 802.11d, IEEE 802.11g, IEEE 802.11i, Wi-Fi CERTIFIED, IEEE 802.11h, IEEE 802.11e, IEEE 802.11n, IEEE 802.11k, IEEE 802.11ac, IEEE 802.11r, IEEE 802.11v, IEEE 802.11ax |

**Miscellaneous**

|                              |                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Theft/Intrusion Protection   | Security lock slot (cable lock sold separately), padlock loop, chassis intrusion sensor                                |
| Security Slot Type           | Kensington security slot                                                                                               |
| Compliant Standards          | FIPS 140-2 Level 2, RoHS, WEEE, ERP, CECP, SEPA, Japan PC Green Label, Taiwan Green Mark, Korea Eco-Label, MIL-STD 810 |
| Manufacturer Selling Program | HP Smart Buy                                                                                                           |

**Power**

|                         |                         |
|-------------------------|-------------------------|
| Device Type             | Power adapter           |
| Voltage Required        | AC 100-240 V (50/60 Hz) |
| Power Provided          | 280 Watt                |
| Efficiency              | 92%                     |
| Power Factor Correction | Yes (active)            |

**Environmental Parameters**

|                           |                              |
|---------------------------|------------------------------|
| Min Operating Temperature | 5 °C                         |
| Max Operating Temperature | 35 °C                        |
| Humidity Range Operating  | 10 - 90% RH (non-condensing) |

**Cache Memory**

|                     |                  |
|---------------------|------------------|
| Installed Size      | L3 Cache - 30 MB |
| Cache Per Processor | 30 MB            |

**Optical Storage**

|      |                  |
|------|------------------|
| Type | No optical drive |
|------|------------------|

**Operating System / Software**

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OS Provided | Windows 11 Pro English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Software    | HP Support Assistant, HP Hotkey Support, HP PC Hardware Diagnostics UEFI, HP Secure Erase, HP BIOSphere, HP Setup Integrated OOB, HP Notifications, HP Sure Click, HP Sure Run, HP Sure Recover, HP Privacy Settings, HP Sure Sense, HP Sure Admin, HP DriveLock, myHP, HSA Fusion for Commercial, HSA Telemetry for Commercial, HP Tamper Lock, Absolute Persistence Module, HP Smart Support, Poly Lens management software, HP PC Hardware Diagnostics Windows, HP Services Scan, HP Sure Start, myHP with Multicamera support |

**Monitor**

|              |       |
|--------------|-------|
| Monitor Type | None. |
|--------------|-------|

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| <strong>Graphics Controller</strong>                |                                     |
| Graphics Processor                                  | Intel Graphics - up to 8 TOPS       |
| Video Interfaces                                    | HDMI, DisplayPort                   |
| HDCP Compatible                                     | Yes                                 |
| <strong>Audio Output</strong>                       |                                     |
| Sound Output Mode                                   | Stereo                              |
| Max Sampling Rate                                   | 192 kHz                             |
| Compliant Standards                                 | High Definition Audio               |
| <strong>Hard Drive</strong>                         |                                     |
| Type                                                | SSD - M.2                           |
| Capacity                                            | 1 x 512 GB                          |
| Interface Type                                      | PCI Express                         |
| Features                                            | NVM Express (NVMe)                  |
| <strong>Input Device</strong>                       |                                     |
| Type                                                | Mouse, keyboard                     |
| <strong>Dimensions &amp; Weight</strong>            |                                     |
| Width                                               | 30.3 cm                             |
| Depth                                               | 30.8 cm                             |
| Height                                              | 10 cm                               |
| Weight                                              | 4.53 kg                             |
| <strong>Dimensions &amp; Weight (Shipping)</strong> |                                     |
| Shipping Width                                      | 20 cm                               |
| Shipping Depth                                      | 49.9 cm                             |
| Shipping Height                                     | 39.4 cm                             |
| Shipping Weight                                     | 5.92 kg                             |
| <strong>Keyboard</strong>                           |                                     |
| Keyboard Name                                       | HP 125 v2                           |
| Interface                                           | USB                                 |
| Localization & Layout                               | UK                                  |
| <strong>Mouse</strong>                              |                                     |
| Mouse Name                                          | HP 125                              |
| Interface                                           | USB                                 |
| <strong>Processor / Chipset</strong>                |                                     |
| CPU                                                 | Intel Core Ultra 7 (Series 2) 265   |
| Clock Speed                                         | 2.4 GHz (P-core) / 1.8 GHz (E-core) |
| Max Turbo Speed                                     | 5.3 GHz (P-core) / 4.6 GHz (E-core) |
| Number of Cores                                     | 20-core                             |
| CPU Qty                                             | 1                                   |
| Max CPU Qty                                         | 1                                   |
| L2 cache                                            | 36 MB                               |
| CPU Upgradability                                   | Upgradable                          |
| Processor Main Features                             | Intel Turbo Boost Technology        |
| Chipset Type                                        | Intel Q870                          |

Neural Processor Unit (NPU)

|                                          |                                               |
|------------------------------------------|-----------------------------------------------|
| Neural Processor Unit (NPU)              | Intel AI Boost                                |
| NPU Performance Up To (TOPS)             | 13 TOPS                                       |
| Total Processor Performance Up To (TOPS) | 33 TOPS                                       |
| AI Datatype Support on NPU               | INT8                                          |
| Sparsity Support                         | Yes                                           |
| AI Software Frameworks Supported by NPU  | DirectML, OpenVINO, WebNN, WindowsML, ONNX RT |
| Windows Studio Effects Support           | Yes                                           |

What's in the box

- HP ProDesk 4 G1i AI
- HP Wolf Pro Security Edition (1 year)
- Power adapter

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet