

HP ProDesk 2 G1i E (BY6W9ET#ABU)

HP ProDesk 2 G1i E - SFF Core i5 13500 / up to 4.8 GHz - RAM 16 GB - SSD 256 GB - NVMe - UHD Graphics 770 - Gigabit Ethernet, IEEE 802.11ax (Wi-Fi 6), Bluetooth 5.4 - Win 11 Pro - monitor: none - keyboard: UK - jack black - Smart Buy



The HP ProDesk 2 G1i E is designed for performance and efficiency, equipped with an Intel Core i5 processor and support for up to 2 slots of DDR5 SDRAM. The system incorporates a solid-state drive for enhanced speed and reliability, suitable for a range of computing needs. With high definition audio standards, the integrated Realtek audio codec and stereo sound output ensure quality audio for all applications. Connectivity is versatile, featuring multiple ports including HDMI, DisplayPort, USB 3.2 Gen 1, and USB-C 3.2 Gen 2. The HP ProDesk 2 G1i E complies with several environmental standards, confirming its eco-friendly design, while security features, such as the integrated accessories cable lock and Kensington security slot, provide peace of mind in protecting valuable data and hardware.

Key Selling Points

- Equipped with Intel Core i5 processor for reliable performance
- Supports up to 2 slots of DDR5 SDRAM for efficient multitasking
- Multiple connectivity options including HDMI, USB-C, and DisplayPort
- High definition audio for sound quality
- Built-in security features to protect your device

Product Features

- Efficient processing**
With an Intel Core i5 processor, this system delivers solid performance for both everyday tasks and demanding applications.
- Robust memory support**
Supports DDR5 SDRAM in two slots, allowing efficient multitasking and enhanced performance for various applications.
- Versatile connectivity options**
Offers a range of ports including HDMI, DisplayPort, USB 3.2 Gen 1, USB-C 3.2 Gen 2, ensuring compatibility with a variety of devices.
- High quality audio output**
The system provides stereo sound with high definition audio standards, making it suitable for both work and entertainment.
- Integrated security features**
Includes a wired lock and Kensington security slot to help safeguard against theft and unauthorized access.

Main specifications

Product Description	HP ProDesk 2 G1i E - SFF Core i5 13500 2.5 GHz - 16 GB - SSD 256 GB - UK
Type	Personal computer - SFF
Localisation	Language: English / region: United Kingdom
Processor	Intel Core i5 (13th Gen) 13500 / 2.5 GHz (up to 4.8 GHz, (14-core)
Processor Main Features	Intel Turbo Boost Technology 2
Cache Memory	24 MB L3 Cache
Cache Per Processor	24 MB
RAM	16 GB (installed) / 64 GB (max) - DDR5 SDRAM
Hard Drive	SSD 256 GB - PCI Express - M.2 - NVM Express (NVMe)
Optical Storage	No optical drive
Graphics Controller	Intel UHD Graphics 770 Dynamic Video Memory Technology
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, McAfee LiveSafe (1 year subscription), HP Setup Integrated OOBЕ, HP System Event Utility, HP Documentation
Colour	Jack black
Dimensions (WxDxH)	10 cm x 30.8 cm x 30.35 cm

Weight	5.7 kg
Manufacturer Selling Program	HP Smart Buy
Environmental Standards	TCO Certified, generation 10, for desktops, ENERGY STAR Qualified EPEAT Gold

Extended specification

Monitor

Monitor Type	None.
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Processor / Chipset

CPU	Intel Core i5 (13th Gen) 13500
Clock Speed	2.5 GHz (P-core) / 1.8 GHz (E-core)
Max Turbo Speed	4.8 GHz (P-core) / 3.5 GHz (E-core)
Number of Cores	14-core
CPU Qty	1
Max CPU Qty	1
L2 cache	11.5 MB
CPU Upgradability	Upgradable
Processor Main Features	Intel Turbo Boost Technology 2
Chipset Type	Intel H770

Cache Memory

Installed Size	L3 Cache - 24 MB
Cache Per Processor	24 MB

Dimensions & Weight (Shipping)

Shipping Width	20 cm
Shipping Depth	49.9 cm
Shipping Height	39.8 cm
Shipping Weight	7.42 kg

Environmental Parameters

Min Operating Temperature	5 °C
Max Operating Temperature	35 °C
Humidity Range Operating	15 - 80% RH(non-condensing)

RAM

Installed Size	16 GB (installed) / 64 GB (max)
Technology	DDR5 SDRAM
Effective Memory Speed	4800 MT/s
Rated Memory Speed	4800 MT/s
Form Factor	DIMM 288-pin
Slots	2 (Total) / 0 (empty)
Features	Unbuffered
Configuration Features	2 x 8 GB

Audio Output

Sound Output Mode	Stereo
Max Sampling Rate	192 kHz

Compliant Standards	High Definition Audio
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Input Device

Type	Mouse, keyboard
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Power

Device Type	Power supply
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	180 watt
Efficiency	90%
Power Factor Correction	Yes (active)

General

Type	Personal computer
Product Form Factor	SFF
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Colour	Jack black
Localisation	Language: English / region: United Kingdom

Dimensions & Weight

Width	10 cm
Depth	30.8 cm
Height	30.35 cm
Weight	5.7 kg

Networking

Interface (Bus) Type	M.2 2230
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 802.11d, IEEE 802.1x, IEEE 802.11i, Wi-Fi CERTIFIED, IEEE 802.11h, IEEE 802.11e, IEEE 802.11k, IEEE 802.11r, IEEE 802.11v

Sustainability Information

TCO Certified	TCO Certified, generation 10, for desktops
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes

Graphics Controller

Graphics Processor	Intel UHD Graphics 770 Dynamic Video Memory Technology
Video Interfaces	HDMI, DisplayPort
HDCP Compatible	Yes

Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), padlock loop
Security Slot Type	Kensington security slot
Compliant Standards	Low halogen

Manufacturer Selling Program HP Smart Buy

Hard Drive

Type	SSD - M.2
Capacity	1 x 256 GB
Interface Type	PCI Express
Features	NVM Express (NVMe)

Keyboard

Keyboard Name	HP 125 v2
Localization & Layout	UK

Expansion / Connectivity

Bays	1 (total) / 1 (free) x internal 3.5"
Slots	1 (total) / 1 (free) x PCIe 4.0 x16 ¦ 1 (total) / 1 (free) x PCIe 3.0 x1 ¦ 1 (total) / 0 (free) x M.2 Card - 2242/2280 (for internal storage) ¦ 1 (total) / 0 (free) x M.2 Card - 2230 (for wireless module)
Interfaces	1 x USB-C 3.2 Gen 2 (1 in front) ¦ 3 x USB 3.2 Gen 1 (3 in front) ¦ 1 x headphones/microphone (1 in front) (CTIA and OMTP headset support) ¦ 4 x USB 2.0 (4 rear) ¦ 1 x HDMI (1 rear) ¦ 1 x DisplayPort 1.4a (1 rear) ¦ 1 x audio line-out/line-in (1 rear) ¦ 1 x LAN (Gigabit Ethernet) - RJ-45 (1 rear)

Optical Storage

Type	No optical drive
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Mouse

Mouse Name	HP 125
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Operating System / Software

OS Provided	Windows 11 Pro English
Software	HP Support Assistant, McAfee LiveSafe (1 year subscription), HP Setup Integrated OOBE, HP System Event Utility, HP Documentation

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