

HP ProBook 4 G1iR Notebook AI - 16" - Intel Core 5 - 120U - 16 GB RAM - 256 GB SSD - UK (B3AC8AT#ABU)

HP ProBook 4 G1iR Notebook AI - 177-degree hinge design - Intel Core 5 - 120U / up to 5 GHz - Win 11 Pro - Intel Graphics - 16 GB RAM - 256 GB SSD NVMe - 16" IPS 1920 x 1200 - Wi-Fi 6E, Bluetooth - pike silver - kbd: UK



The HP ProBook 4 G1iR Notebook AI is designed for professionals on the move, offering a blend of performance, security, and sustainability. Powered by a 10-core Intel Core 5 processor, it delivers reliable performance with a clock speed reaching up to 5 GHz, ensuring tasks are completed efficiently. The device features a vibrant 14-inch WUXGA display with a native resolution of 1920 x 1200, providing crisp visuals and a wide viewing angle, making it ideal for presentations and collaborative work. Security is a priority with features such as a fingerprint reader, BIOS Absolute Persistence, and a chassis intrusion sensor, offering peace of mind for sensitive data. The notebook also emphasizes sustainability, incorporating post-consumer recycled plastics and ocean-bound materials in its design. With 512 GB of PCIe SSD storage, 16 GB of DDR5 RAM, and a variety of connectivity options including USB-C and Wi-Fi 7, this notebook is well-equipped for today's modern workplace.

Key Selling Points

10-core Intel Core 5 processor with up to 5 GHz speed

14-inch WUXGA display with anti-glare technology

Robust security features including a fingerprint reader and intrusion sensor

Sustainable design utilizing recycled materials

Connectivity with Wi-Fi 7 and multiple USB ports

Product Features

Vibrant display

Enjoy stunning visuals with the 14-inch WUXGA display featuring a resolution of 1920 x 1200. The IPS technology ensures a wide viewing angle and accurate color reproduction, while the anti-glare surface minimizes reflections for greater convenience in bright environments.

Robust security

Equipped with advanced security features such as a fingerprint reader, chassis intrusion sensor, and BIOS Absolute Persistence, this notebook helps protect sensitive data and maintain a reliable computing environment.

Efficient performance

The Intel Core 5 processor, combined with 16 GB of DDR5 RAM, delivers seamless multitasking and high-speed operation. With clock speeds reaching up to 5 GHz, this notebook meets the demands of professionals who require efficiency and reliability.

Sustainable design

The HP ProBook 4 incorporates sustainability into its build, using post-consumer recycled plastics and ocean-bound materials. This dedication to environmentally responsible practices makes it a conscientious choice for eco-minded users.

Comprehensive connectivity

Stay connected with Wi-Fi 7 and a variety of ports, including USB-C, HDMI, and USB 3.2. This range of connectivity options ensures compatibility with a multitude of devices and accessories, enhancing flexibility in daily tasks.

Main Specifications

Product Description	HP ProBook 4 G1iR Notebook AI - 16" - Intel Core 5 - 120U - 16 GB RAM - 256 GB SSD - UK
Product Type	Notebook - 177-degree hinge design
Operating System	Win 11 Pro - English
Processor	Intel Core 5 (Series 1) - 120U / 1.4 GHz, up to 5 GHz / 12 MB Cache
Memory	16 GB DDR5 (1 x 16 GB)
Storage	256 GB SSD - NVMe
Display	16" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	Intel Graphics
Input Device	ClickPad

Keyboard	UK
Numeric Keypad	Yes
Integrated Webcam	Yes
Microsoft Copilot	Yes
Networking	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Battery	3-cell
Features	HP Sure Platform, thermal sensor, HP Tamper Lock, hall sensor
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Pike silver
Dimensions (WxDxH)	35.94 cm x 25.1 cm x 1.7 cm
Weight	1.74 kg
Localisation	Language: English / region: United Kingdom
Manufacturer Selling Program	HP Smart Buy
Environmental Standards	ENERGY STAR Qualified EPEAT Gold, EPEAT Climate+

Extended Specification

General

Product Type	Notebook - 177-degree hinge design
Operating System	Windows 11 Pro - English

Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	48 GB
Technology	DDR5 SDRAM
Speed	5200 MT/s
Rated Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Storage

Main Storage	256 GB SSD PCIe - NVMe
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Miscellaneous

Colour	Pike silver
Integrated Options	HP Sure Platform, thermal sensor, HP Tamper Lock, hall sensor
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	BIOS Absolute Persistence, BIOS Update via Network, HP DriveLock, Automatic DriveLock, Secured-core PC enabled, MIL-STD-810H tested, HP Fast Charge
Theft/Intrusion Protection	Security lock slot (cable lock sold separately), chassis intrusion sensor
Security Slot Type	Kensington security slot
Included Accessories	HP 65W USB-C AC Adapter
Compliant Standards	UL 62368-1, FCC, ICES, CISPR, VCCI, CCC, SRRC, BSMI, NCC, KCC, KC, KES, Ukraine NSoC, TEC, EAEU Compliance, Saudi Arabian Compliance, Low Blue Light certified (LBL), RoHS, CECP, EMC, IEC 60601-1-2:2014, EN 60601-1-2:2015, Common Criteria EAL4+, FIPS 140-2 Level 2, low halogen
Localization	Language: English / region: United Kingdom
Manufacturer Selling Program	HP Smart Buy

Environmental Parameters

Min Operating Temperature	0 °C
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Max Operating Temperature	35 °C
Humidity Range Operating	10 - 90% (non-condensing)
Shock Tolerance (operating)	40 g @ 2 ms half-sine
Shock Tolerance (non-operating)	240 g @ 2 ms half-sine
Vibration Tolerance (operating)	1.043 g @ RMS (random)
Vibration Tolerance (non-operating)	3.5 g @ RMS (random)

Software

Software Included	HP Sure Admin, Audio Permanent Disable, HP BIOS Recovery, HP BIOSphere, HP Secure Erase, HP Wake on WLAN, Windows Hello, HP Sure Click, HP Sure Recover, HP Sure Run, HP Sure Sense, HP Sure Start, HP Services Scan, HP Smart Support, HP Support Assistant, myHP, HSA Fusion for Commercial, HSA Telemetry for Commercial, Poly Camera Pro, Poly Lens, Edge Customization, HP Connection Optimizer, HP Hotkey Support, HP MAC Address Manager, HP Notifications, HP UEFI BIOS Certification level 2.8, HP PC Hardware Diagnostics Windows, HP Privacy Settings, HP Client Catalogue (free download), HP Client Management Script Library (free download), HP Cloud Recovery, HP Connect for Microsoft Endpoint Manager, HP Driver Packs (free download), HP Image Assistant (free download), HP Manageability Integration Kit (free download), HP Power Manager with Battery Health Manager (download)
Microsoft Copilot	Yes

Display

Type	16" - IPS
Resolution	1920 x 1200 (WUXGA)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	300 cd/m ²
Colour Gamut	62.5% sRGB
Features	WUXGA ultra wide-viewing angle (UWVA) anti-glare eDP, 90.6% screen-to-body ratio, narrow bezel bent
Keyboard Name	HP Standard Keyboard

Battery

Technology	3-cell lithium polymer
Capacity	56.04 Wh

Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Bluetooth Class	Class 2
Wireless Controller	Intel Wi-Fi 6E AX 211 - PCI Express Mini Card (M.2)
Ethernet Controller	Realtek RTL8111HSH-CG
Features	Dual stream (2x2), Miracast
Compliant Standards	IEEE 802.11d, IEEE 802.11e, IEEE 802.11h, IEEE 802.11i, IEEE 802.11k, IEEE 802.11r, IEEE 802.11v, Wi-Fi CERTIFIED

Dimensions & Weight

Dimensions (WxDxH)	35.94 cm x 25.1 cm x 1.7 cm
Weight	1.74 kg

Processor / Chipset

CPU	Intel Core 5 (Series 1) 120U / 1.4 GHz
Max Turbo Speed	5 GHz

Number of Cores	10-core
Performance Cores	2
Efficient Cores	8
Cache	L3 - 12 MB

Audio & Video

Graphics Processor	Intel Graphics
Camera	Yes - Full HD
Video Resolutions	1080p
Camera Features	Privacy shutter
Sound	Dual stereo speakers, dual array microphone
Audio Features	Output: Poly Studio

Input

Type	Keyboard, ClickPad
Keyboard Layout	UK
Numeric Keypad	Yes
Features	Multi-touch clickpad, gesture function, precision touchpad, image sensor, glass touchpad, volume control, spill-resistant, DuraKeys

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt, 5 / 9 / 12 / 15 / 20 V, 8 A

Connections & Expansion

Interfaces Details	2 x USB-C 3.2 Gen 2x2 (supports DisplayPort 1.4 Alt Mode) (Power Delivery 3.0, Sleep & Charge) HDMI Headphone/microphone combo jack 2 x USB 3.2 Gen 1 (powered) LAN (RJ-45)
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Sustainability Information

EPEAT Compliant	EPEAT Gold
EPEAT Climate+	Yes
ENERGY STAR Certified	Yes
Product Recycled Content	Post-consumer recycled plastic, ocean-bound plastics, recycled metal

What's in the box

HP ProBook 4 G1iR Notebook AI
HP 65W USB-C AC Adapter

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