HP ProBook 4 G1ah Notebook AI - 14" - AMD Ryzen 5 - 220 - 8 GB RAM - 256 GB SSD - UK (B39XJAT#ABU)

HP ProBook 4 G1ah Notebook AI - AMD Ryzen 5 - 220 / up to 4.9 GHz - Win 11 Pro - Radeon 740M - 8 GB RAM - 256 GB SSD NVMe - 14" IPS 1920 x 1200 - Ethernet - Wi-Fi 6E, Bluetooth - pike silver - kbd: UK

The HP ProBook 4 G1ah Notebook AI combines performance and security in a streamlined design. Crafted for productivity, it features a 15.6-inch WUXGA display with a native resolution of 1920 x 1200 for clear visuals while working. The IPS technology ensures consistent colors and brightness with up to 300 cd/m2, suitable for any lighting environment. Equipped with an AMD Ryzen 5 processor and 16 GB of DDR5 RAM, this notebook provides quick responsiveness and multitasking capabilities for demanding applications.

Designed with security and durability in mind, the notebook is MIL-STD-810H tested, featuring HP Tamper Lock and a chassis intrusion sensor. It has additional safety features like the Trusted Platform Module (TPM 2.0) security chip. Connectivity options include USB 3.2 Gen ports, HDMI, and a headphone/microphone combo. The dual-array microphone and dual stereo speakers enhance audio quality for virtual meetings and multimedia content. With a spill-resistant keyboard and robust design, this notebook is a reliable companion for professionals on the go.

Key Selling Points

15.6-inch WUXGA display with IPS technology for color accuracy
Powered by AMD Ryzen 5 processor with 6 cores for multitasking
16 GB DDR5 RAM provides smooth performance for applications
MIL-STD-810H testing ensures durable construction
Comprehensive connectivity options including USB-C and HDMI

Product Features

Vibrant display
The 15.6-inch display features a WUXGA resolution of 1920 x 1200, delivering bright visuals, perfect for work and entertainment. IPS technology enhances viewing angles and color consistency.

Robust security
Equipped with a Trusted Platform Module (TPM 2.0) chip, HP Tamper Lock, and a chassis intrusion sensor, this notebook provides essential measures to protect sensitive information.

Powerful performance
With an AMD Ryzen 5 processor and 16 GB of DDR5 RAM, this notebook handles demanding tasks efficiently, providing performance for productivity applications.

Versatile connectivity
Featuring multiple USB 3.2 Gen 1 and USB-C 3.2 Gen 2 ports, as well as HDMI output, this notebook ensures seamless connectivity with various devices and peripherals.

Durable design
The notebook has been MIL-STD-810H tested to withstand harsh conditions, making it suitable for professionals who require reliability in challenging environments.

Main Specifications

Product Description	HP ProBook 4 G1ah Notebook AI - 14" - AMD Ryzen 5 - 220 - 8 GB RAM - 256 GB SSD - UK
Product Type	Notebook
Operating System	Win 11 Pro - English
Processor	AMD Ryzen 5 220 up to 4.9 GHz / 16 MB Cache
Neural Processor Unit (NPU)	AMD Ryzen AI
Memory	8 GB DDR5 (1 x 8 GB)
Storage	256 GB SSD - NVMe
Display	14" 1920 x 1200 / WUXGA

Graphics	AMD Radeon 740M
Input Device	ClickPad
Keyboard	UK
Integrated Webcam	Yes
Microsoft Copilot	Yes
Networking	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3, Ethernet
Battery	3-cell
Features	Hall sensor, HP Tamper Lock, thermal sensor, HP Sure Platform
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Pike silver
Dimensions (WxDxH)	31.86 cm x 22.43 cm x 1.7 cm
Weight	1.4 kg
Localisation	Language: English / region: United Kingdom
Manufacturer Selling Program	HP Smart Buy
Environmental Standards	ENERGY STAR Qualified
Carbon Footprint	140 kg carbon emissions

Extended Specification

General

Product Type	Notebook
Operating System	Windows 11 Pro - English

Memory

RAM	8 GB (1 x 8 GB)
Technology	DDR5 SDRAM - non-ECC
Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Storage

Main Storage	256 GB SSD PCIe - NVM Express (NVMe)

Miscellaneous

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

Software

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

Display

Type	14" - IPS
Resolution	1920 x 1200 (WUXGA)
Widescreen	Yes
Image Brightness	300 cd/m²
Colour Gamut	62.5% sRGB
Features	Anti-glare, Low Blue Light technology

Battery

Technology	3-cell lithium polymer
Capacity	56 Wh

Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Controller	MediaTek RZ616
Network Interface	Ethernet
Features	Wake-on-LAN (WOL), dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	31.86 cm x 22.43 cm x 1.7 cm
Weight	1.4 kg

Processor / Chipset

CPU	AMD Ryzen 5 220
Max Turbo Speed	4.9 GHz
Number of Cores	6-core
Cache	L3 - 16 MB
Features	12 Threads

Audio & Video

Graphics Processor	AMD Radeon 740M
Camera	Yes - Full HD
Video Resolutions	1080p
Sound	Dual stereo speakers, dual array microphone
Audio Features	Output: Poly Studio

Input

Type	Keyboard, ClickPad

Keyboard Layout	UK
Features	Multi-touch clickpad, gesture function, Copilot key, spill-resistant

AC Adapter

Output	65 Watt

Connections & Expansion

Interfaces Details	2 x USB 3.2 Gen 1 (powered) ¦ 2 x USB-C 3.2 Gen 2 (supports DisplayPort 1.4 Alt Mode) (Power Delivery 3.0) ¦ HDMI ¦ Headphone/microphone combo jack ¦ LAN (RJ-45)

Sustainability Information

ENERGY STAR Certified	Yes
Carbon Footprint	140 kg carbon emissions
Manufacturing (kg CO2e)	124
Logistics (kg CO2e)	5
Use (kg CO2e)	10
EOL (kg CO2e)	0.5
Total Carbon w/o Use Phase (kg CO2e)	130
Product Recycled Content	Post-consumer recycled plastic, ocean-bound plastics, recycled metal

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	AMD Ryzen AI