

HP ProBook 450 G10 Notebook(9G2A3ET#UUG)

HP ProBook 450 G10 Notebook - Wolf Pro Security - 180-degree hinge design - Intel Core i5 - 1335U / up to 4.6 GHz - Win 11 Pro - Intel Iris Xe Graphics - 16 GB RAM - 512 GB SSD NVMe, HP Value - 15.6" IPS 1920 x 1080 (Full HD) - Gigabit Ethernet - Wi-Fi 6E, Bluetooth - pike silver aluminium - kbd: Belgium - with HP Wolf Pro Security Edition (1 year)



The HP ProBook 450 laptop provides growing businesses with the commercial-grade performance, multi-layered endpoint security, and durability in an easily upgradeable design. Powered by an Intel processor and long battery life, this feature-rich PC is well-equipped for long-term productivity and helps enable hybrid work.

Key Selling Points

- Fast and efficient wireless LAN
- Protected by HP Wolf Security
- Optimized for hybrid work
- Tested for durability
- Performance for growing business

Product Features

Fast and efficient wireless LAN

The portability of your PC and the reliability of a fast connection determine where you can work. Get a fast and reliable connection in dense wireless environments with Gigabit-speed Wi-Fi 6E.

Protected by HP Wolf Security

HP Wolf Security is a hardware-enforced, resilient defense that provides protection from cyber-attacks.

Optimized for hybrid work

Look your best wherever you work with enhanced camera features and lighting adjustments.

Tested for durability

Passed 19 MIL-STD tests for durability and easily serviceable - helping make the most of your IT investment.

Performance for growing business

Keep up with demanding tasks with an Intel CPU, long battery life, and large memory and storage.

Main Specifications

Product Description	HP ProBook 450 G10 Notebook - Wolf Pro Security - 15.6" - Intel Core i5 - 1335U - 16 GB RAM - 512 GB SSD - Belgium - with HP Wolf Pro Security Edition (1 year)
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro - Dutch / English / French / German
Processor	Intel Core i5 (13th Gen) - 1335U / 1.3 GHz, up to 4.6 GHz / 12 MB Cache
Memory	16 GB DDR4 (1 x 16 GB)
Storage	512 GB SSD - NVMe, HP Value
Display	15.6" WLED 1920 x 1080 / Full HD @ 60 Hz
Graphics	Intel Iris Xe Graphics
Input Device	ClickPad
Keyboard	Belgium
Numeric Keypad	Yes
Integrated Webcam	Yes
Networking	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3, Gigabit Ethernet

Battery	3-cell
Features	HP Tamper Lock
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Pike silver aluminium
Dimensions (WxDxH)	35.94 cm x 23.39 cm x 1.99 cm
Weight	1.79 kg
Localisation	Language: French, Dutch / region: Belgium
Manufacturer Selling Program	HP Smart Buy
Environmental Standards	ENERGY STAR Qualified
Carbon Footprint	140 kg carbon emissions
Bundled with	HP Wolf Pro Security Edition (1 year)

Extended Specification

General

Product Type	Notebook - 180-degree hinge design
Operating System	Windows 11 Pro - Dutch / English / French / German
Bundled with	HP Wolf Pro Security Edition (1 year)

Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	32 GB
Technology	DDR4 SDRAM - non-ECC
Speed	3200 MHz
Rated Speed	3200 MHz
Form Factor	SO-DIMM 260-pin
Slots Qty	2
Empty Slots	1

Storage

Main Storage	512 GB SSD M.2 PCIe - NVM Express (NVMe), HP Value
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Miscellaneous

Colour	Pike silver aluminium
Integrated Options	HP Tamper Lock
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	BIOS Absolute Persistence, HP Automatic Drive Lock, HP DriveLock, HP Fast Charge, BIOS Update via Network, Secured-core PC enabled
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington nano security slot
Included Accessories	HP 65 Watt Smart nPFC AC Adapter
Compliant Standards	CSA, VCCI, BSMI, GS, CCC, FIPS 140-2 Level 2, FCC, RoHS, KCC, WEEE, CISPR, ICES, Common Criteria EAL4+, KC, SRRC, NCC, low halogen, UL 62368-1, TEC, KES, Low Blue Light certified (LBL), Ukraine NSoC, EAEU Compliance, Saudi Arabian Compliance
Localization	Language: French, Dutch / region: Belgium
Manufacturer Selling Program	HP Smart Buy

Environmental Parameters

Min Operating Temperature	0 °C
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 Support Assistant, HP Power Manager, HP Hotkey Support, HP Secure Erase, HP Drive Packs (free download), HP Client Catalogue (free download), HP Manageability & Integration Kit (free download), HP Notifications, HP Connection Optimizer, HP Sure Click, HP Privacy Settings, HP Cloud Recovery, HP Sure Sense, HP Sure Admin, HP QuickDrop, HP Client Management Script Library (free download), HP BIOSphere Gen6, HP Wake on WLAN, myHP, HP Image Assistant Gen5 (free download), HP SureStart Gen7, HP Smart Support (free download), HP Patch Assistant (free download), HP Sure Recover Gen5, HP Sure Run Gen5, HP PC Hardware Diagnostics Windows, HP Services Scan, HP Connect
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Display

Type	15.6" - IPS
LCD Backlight Technology	WLED backlight
Resolution	1920 x 1080 (Full HD)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Image Brightness	250 cd/m ²
Colour Gamut	45% NTSC
Features	Full HD ultra wide-viewing angle (UWVA) eDP anti-glare, narrow bezel bent
Keyboard Name	HP Premium

Battery

Technology	3-cell lithium polymer
Weight	180 g
Capacity	51.3 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)
Network Interface	Gigabit Ethernet
Ethernet Controller	Realtek RTL8111HSH
Remote Management Protocol	SNMP 2
Features	Miracast, Wake-on-LAN (WOL), dual stream (2x2), MU-MIMO, CNVi
Compliant Standards	Wi-Fi CERTIFIED

Dimensions & Weight

Dimensions (WxDxH)	35.94 cm x 23.39 cm x 1.99 cm
Weight	1.79 kg
Shipping Dimensions (WxDxH) / Weight	6.9 cm x 48.3 cm x 30.5 cm

Processor / Chipset

CPU	Intel Core i5 (13th Gen) 1335U / 1.3 GHz
Max Turbo Speed	4.6 GHz
Number of Cores	10-core
Cache	L3 - 12 MB

Features	Hyper-Threading Technology, Intel Turbo Boost Technology, Intel Smart Cache
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Audio & Video

Graphics Processor	Intel Iris Xe Graphics
Video System Features	Functions as Intel UHD graphics (for single-channel memory)
Camera	Yes - HD
Video Resolutions	720p
Camera Features	Privacy shutter, Temporal Noise Reduction
Sound	Dual stereo speakers, dual array microphone
Codec	Realtek ALC3247

Input

Type	Keyboard, ClickPad
Keyboard Layout	Belgium
Numeric Keypad	Yes
Features	Multi-touch clickpad, gesture function, spill-resistant

AC Adapter

Input	AC 115/230 V (50/60 Hz)
Output	65 Watt, 19.5 V, 11 A

Connections & Expansion

Interfaces Details	2 x USB-C 3.2 Gen 2 (supports DisplayPort 2.1 Alt Mode) (Power Delivery) † USB 3.2 Gen 1 (charging) † USB 3.2 Gen 1 (powered) † HDMI † Headphone/microphone combo jack † LAN (RJ-45)
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Sustainability Information

TCO Certified	-
ENERGY STAR Certified	Yes
Carbon Footprint	140 kg carbon emissions
Manufacturing (kg CO2e)	120
Use (kg CO2e)	12
EOL (kg CO2e)	0.8

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