

HP ProBook 450 G10



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HP	

Essential, commercial-grade features
The HP ProBook 450 15-inch laptop provides growing businesses with the commercial-grade performance, multi-layered endpoint security, and durability in an easily upgradeable design. Powered by the latest Intel® processor^[2] and long battery life, this feature-rich PC is well-equipped for long-term productivity and helps enable hybrid work.

Zusammenfassung

Essential, commercial-grade features
The HP ProBook 450 15-inch laptop provides growing businesses with the commercial-grade performance, multi-layered endpoint security, and durability in an easily upgradeable design. Powered by the latest Intel® processor^[2] and long battery life, this feature-rich PC is well-equipped for long-term productivity and helps enable hybrid work.

HP ProBook 450 G10, Intel® Core™ i7, 39.6 cm (15.6"), 1920 x 1080 pixels, 16 GB, 512 GB, Windows 11 Pro

HP ProBook 450 G10. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1355U. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.79 kg

Merkmale

Certificates

Low halogen	Yes
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Other features

Number of speakers	2
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Software

Security

Fingerprint reader	Yes
Trusted Platform Module (TPM)	Yes
Trusted Platform Module (TPM) version	2.0
Password protection	Yes
Password protection type	BIOS, Power on, User

Brand-specific features

HP speaker type	HP Dual Speakers
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Operating system installed	Windows 11 Pro
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Sustainability

Sustainability compliance	Yes
Sustainability certificates	ENERGY STAR

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity	51 Wh

Camera

Front camera	Yes
Front camera HD type	HD
Infrared (IR) camera	Yes

Packaging data

Package width	69 mm
Package depth	483 mm
Package height	305 mm

Power

AC adapter power	45 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Audio

Built-in speaker(s)	Yes
Number of built-in speakers	2
Built-in microphone	Yes
Number of microphones	2

Weight & dimensions

Width	359.4 mm
Depth	233.9 mm
Height	19.9 mm
Weight	1.79 kg

Graphics

Discrete graphics card model	Not available
On-board graphics card	Yes
Discrete graphics card	No
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model	Intel® UHD Graphics

HP Connection Optimizer	Yes
HP Support Assistant	Yes
HP Smart AC Adapter	Yes
HP front camera	HP Webcam HD IR
HP segment	Business

Keyboard

Keyboard special features	Spill-resistant
Pointing device	Clickpad
Numeric keypad	Yes
Keyboard backlit	Yes
Spill-resistant keyboard	Yes
Input device model	HP Premium Keyboard

Design

Colour name	Pike silver aluminum
Product type	Laptop
Product colour	Silver
Form factor	Clamshell
Market positioning	Everyday
Introduction year	2023
Original brand name	HP

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-2	
A ports quantity	
USB 3.2 Gen 2 (3.1 Gen 2) Type-2	
C ports quantity	
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
HDMI version	2.1
Combo headphone/mic port	Yes
USB Type-C DisplayPort	Yes
Alternate Mode	
USB Power Delivery	Yes

Processor special features

Intel Flex Memory Access	Yes
Intel Trusted Execution Technology	Yes
Intel VT-x with Extended Page Tables (EPT)	Yes
Execute Disable Bit	Yes
CPU configuration (max)	1
Embedded options available	No
Intel Virtualization Technology for Directed I/O (VT-d)	Yes
Intel Virtualization Technology (VT-x)	Yes

Storage

Total storage capacity	512 GB
Storage media	SSD
Total SSDs capacity	512 GB

Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	Yes
Optical drive type	No

Memory

Internal memory	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory	32 GB
Number of free internal memory expansion slots	1
Non-ECC	Yes

Network

Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection	No
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Ethernet LAN	Yes
Ethernet LAN data rates	10,1000,100 Mbit/s
Bluetooth	Yes
Bluetooth version	5.3

Processor

Processor manufacturer	Intel
Processor generation	13th gen Intel® Core™ i7
Processor family	Intel® Core™ i7
Processor model	i7-1355U
Processor boost frequency	5 GHz
Processor threads	12
Processor cores	10
Processor cache	12 MB
Processor cache type	L3
Configurable TDP-down	12 W

Display

Display diagonal	39.6 cm (15.6")
Display resolution	1920 x 1080 pixels
Touchscreen	No
HD type	Full HD
Panel type	IPS
Native aspect ratio	16:9
Anti-glare screen	Yes
Display brightness	250 cd/m²
Display diagonal (metric)	39.6 cm
RGB colour space	NTSC
Colour gamut	45%

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.