



# HP ProBook 450 15.6 G10 Intel® Core™ i5 i5-1335U Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver



**Brand :** HP

**Product family:** ProBook

**Product code:** 8A5M6EA#ABH

**Product name :** 450 15.6 G10

HP ProBook 450 15.6 G10. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1335U, Processor frequency: 1.3 GHz. 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: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver

Design		Network	
Colour name	Pike silver aluminum	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Silver	WLAN controller model	Intel Wi-Fi 6E AX211
Form factor *	Clamshell	WLAN controller manufacturer	Intel
Market positioning	Everyday	Ethernet LAN	✓
Introduction year	2023	Ethernet LAN data rates	10,100,1000 Mbit/s
Original brand name	HP	Bluetooth	✓
<b>Display</b>		Bluetooth version	5.3
Display diagonal *	39.6 cm (15.6")	<b>Ports &amp; interfaces</b>	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
HD type	Full HD	Ethernet LAN (RJ-45) ports	1
Panel type	IPS	HDMI ports quantity *	1
Native aspect ratio	16:9	HDMI version	2.1
Anti-glare screen	✓	Combo headphone/mic port	✓
Display bezel technology	Micro-Edge	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	250 cd/m <sup>2</sup>	<b>Keyboard</b>	
Display diagonal (metric)	39.6 cm	Keyboard special features	Étanche
RGB colour space	NTSC	Pointing device	Clickpad
Colour gamut	45%	Numeric keypad *	✓
<b>Processor</b>		Spill-resistant keyboard	✓
Processor manufacturer *	Intel	Keyboard layout	QWERTY
Processor family *	Intel® Core™ i5	Input device model	Clavier HP Premium
Processor generation	13th gen Intel® Core™ i5	<b>Software</b>	
Processor model *	i5-1335U	Operating system installed *	Windows 11 Pro
Processor cores	10	<b>Processor special features</b>	
Processor threads	12	CPU configuration (max)	1
Processor boost frequency	4.6 GHz		
Processor frequency *	1.3 GHz		
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		

<b>Memory</b>		<b>Brand-specific features</b>	
Internal memory *	16 GB	HP Connection Optimizer	✓
Internal memory type	DDR4-SDRAM	HP Support Assistant	✓
Memory clock speed	3200 MHz	HP Smart AC Adapter	✓
Memory layout (slots x size)	1 x 16 GB	HP segment	Business
Memory slots	2x SO-DIMM	<b>Battery</b>	
Maximum internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
ECC	✗	Number of battery cells	3
Non-ECC	✓	Battery capacity *	51 Wh
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	256 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	256 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	DC-in jack	✓
SSD capacity	256 GB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express	<b>Security</b>	
NVMe	✓	Fingerprint reader	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
<b>Graphics</b>		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, Power on, User
On-board GPU manufacturer	Intel	<b>Sustainability</b>	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card family	Intel® UHD Graphics	Sustainability certificates	TCO
On-board graphics card model *	Intel® UHD Graphics	<b>Weight &amp; dimensions</b>	
<b>Audio</b>		Width	359.4 mm
Built-in speaker(s)	✓	Depth	233.9 mm
Number of built-in speakers	2	Height	19.9 mm
Built-in microphone	✓	Weight *	1.79 kg
Number of microphones	2	<b>Packaging data</b>	
<b>Camera</b>		Package width	69 mm
Front camera	✓	Package depth	483 mm
Front camera HD type	HD	Package height	305 mm
<b>Network</b>		<b>Packaging content</b>	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Stylus pen	✗
Wi-Fi standards	Wi-Fi 6E (802.11ax)	<b>Other features</b>	
		Number of speakers	2



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