



HP ProBook 450 G9 Intel® Core™ i7 i7-1255U Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce MX570 Wi-Fi 6 (802.11ax) FreeDOS Silver

Brand : HP

Product family: ProBook

Product code: 5Y3T5EA

Product name : 450 G9



- Intel® Core™ i7-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)
 - FreeDOS
 - 39.6 cm (15.6") diagonal FHD display
 - NVIDIA® GeForce® MX570 (2 GB DDR6 dedicated)
 - 16 GB memory; 512 GB SSD storage
- ProBook 450 15.6 inch G9 Notebook PC, 15.6", FreeDOS, Intel® Core™ i7, 16GB RAM, 512GB SSD, NVIDIA® GeForce® MX570, FHD

HP ProBook 450 G9 Intel® Core™ i7 i7-1255U Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce MX570 Wi-Fi 6 (802.11ax) FreeDOS Silver:



Essential features in a modern design

The HP ProBook 450 Laptop provides growing businesses with the commercial-grade performance, HP Wolf Security for Business^[5], and durability in a compact design. This PC is powered by an Intel® processor^[2] and protected with always-on security you can trust.

Design		Network	
Product type *	Laptop	Bluetooth	✓
Product colour *	Silver	Bluetooth version	5.2
Form factor *	Clamshell	Ports & interfaces	
Market positioning	Everyday	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Introduction year	2022	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Country of origin	China	Ethernet LAN (RJ-45) ports	1
Original brand name	HP	HDMI ports quantity *	1
Display		HDMI version	2.1b
Display diagonal *	39.6 cm (15.6")	Combo headphone/mic port	✓
Display resolution *	1920 x 1080 pixels	Charging port type	USB Type-C
Touchscreen *	✗	USB Type-C DisplayPort Alternate Mode	✓
HD type	Full HD	USB Power Delivery	✓
Panel type	IPS	Keyboard	
Native aspect ratio	16:9	Keyboard special features	Spill-resistant
Anti-glare screen	✓	Pointing device	Clickpad
Display bezel technology	Micro-Edge	Numeric keypad *	✓
Display brightness	250 cd/m ²	Keyboard backlit	✓
Display diagonal (metric)	39.6 cm	Spill-resistant keyboard	✓
RGB colour space	NTSC	Full-size keyboard	✓
Colour gamut	45%	Input device model	HP Premium Keyboard
Processor		Software	
Processor manufacturer *	Intel	Pre-installed software	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP Quick Touch; HP PC Hardware Diagnostics Windows
Processor family *	Intel® Core™ i7	Operating system installed *	FreeDOS
Processor generation	12th gen Intel® Core™ i7	Processor special features	
Processor model *	i7-1255U	Intel Flex Memory Access	✓
Processor cores	10		
Processor threads	12		
Processor boost frequency	4.7 GHz		
Processor frequency *	1.7 GHz		
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		

Memory		Processor special features	
Internal memory *	16 GB	Intel Trusted Execution Technology	✓
Internal memory type	DDR4-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	3200 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	CPU configuration (max)	1
Memory layout (slots x size)	1 x 16 GB	Embedded options available	✗
Memory slots	2x SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Maximum internal memory *	32 GB	Intel Virtualization Technology (VT-x)	✓
Number of free internal memory expansion slots	1	Brand-specific features	
ECC	✗	HP speaker type	HP Dual Speakers
Non-ECC	✓	HP Connection Optimizer	✓
Storage		HP Support Assistant	✓
Total storage capacity *	512 GB	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; HP Sure Click; HP Sure Sense; BIOS Update via Network; HP Sure Admin; HP BIOSphere Gen6; TPM 2.0	
Storage media *	SSD	embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start Gen7; HP Wake on WLAN; HP Tamper Lock	
Total SSDs capacity	512 GB	HP Security tools	HP Client Management Script Library (download); HP Image Assistant (download); HP Driver Packs (download); HP Client Catalog (download); HP Manageability Integration Kit Gen4 (download); HP Power Manager
Number of SSDs installed	1	HP Management tools	
SSD capacity	512 GB	HP segment	Business
SSD interface	PCI Express	HP GTIN (EAN/UPC)	196786062773
NVMe	✓	Battery	
SSD form factor	M.2	Battery technology	Lithium-Ion (Li-Ion)
Optical drive type *	✗	Number of battery cells	3
Card reader integrated	✗	Battery capacity *	51 Wh
Compatible memory cards	MicroSD (TransFlash)	Power	
Graphics		AC adapter power	65 W
Discrete GPU manufacturer	NVIDIA	AC adapter frequency	50 - 60 Hz
Discrete graphics card model *	NVIDIA GeForce MX570	AC adapter input voltage	100 - 240 V
Discrete graphics card memory	2 GB	Security	
Discrete graphics memory type	GDDR6	Fingerprint reader	✓
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✓	Password protection	✓
On-board graphics card family	Intel Iris Xe Graphics	Password protection type	BIOS, Power on
On-board graphics card model *	Intel Iris Xe Graphics	Certificates	
Audio		Low halogen	✓
Built-in speaker(s)	✓	Sustainability	
Number of built-in speakers	2	Sustainability compliance	✓
Built-in microphone	✓	Sustainability certificates	ENERGY STAR, TCO
Number of microphones	2	Sustainable technologies and materials	
Camera		Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 10% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure(s)	
Front camera	✓		
Front camera HD type	HD		
Network			
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
Mobile network connection *	✗		
Antenna type	2x2		
WLAN controller model	Realtek RTL8852AE		
WLAN controller manufacturer	Realtek		
Ethernet LAN	✓		
Ethernet LAN data rates	10,1000,100 Mbit/s		

Weight & dimensions

Width	359.4 mm
Depth	233.9 mm
Height	19.9 mm
Weight *	1.74 kg

Packaging data

Package width	69 mm
Package depth	520 mm
Package height	305 mm

Packaging content

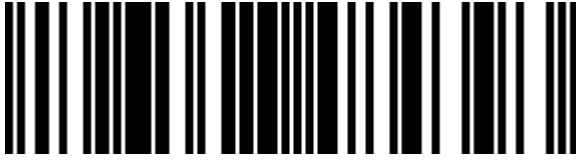
Keyboard included	✓
Stylus pen	✗

Logistics data

Harmonized System (HS) code	8471300000
-----------------------------	------------

Other features

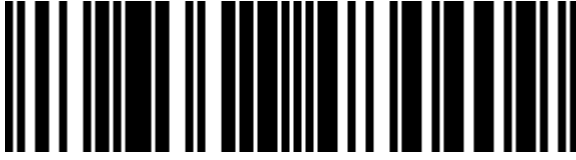
Number of speakers	2
--------------------	---



0196548484393



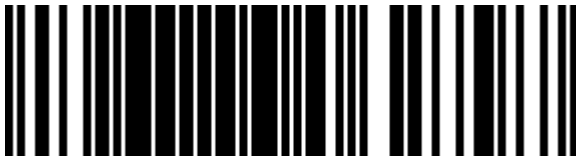
196548484393



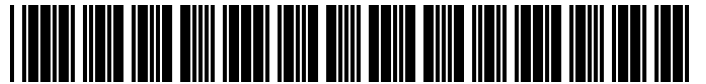
0196548484409



196548484409



0196786062797



196786062797



0196786062780



196786062780



0196786062773



196786062773



0197192195314



197192195314



0197192195321



197192195321



0196786062759



196786062759

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.