



HP 450 G9 Intel® Core™ i7 i7-1255U Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Silver

Brand : HP

Product code: 6S6S1EA

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)
 - Windows 11 Pro
 - 39.6 cm (15.6") diagonal FHD display
 - Intel® Iris® X^e Graphics
 - 16 GB memory; 512 GB SSD storage
- ProBook 450 15.6 inch G9 Notebook PC, 15.6", Windows 11 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD, FHD

HP 450 G9 Intel® Core™ i7 i7-1255U Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro 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		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Product colour *	Silver	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	HDMI ports quantity *	1
Market positioning	Everyday	HDMI version	2.1b
Introduction year	2022	Combo headphone/mic port	✓
Country of origin	China	Charging port type	USB Type-C
Original brand name	HP	USB Type-C DisplayPort Alternate Mode	✓
Display		USB Power Delivery	✓
Display diagonal *	39.6 cm (15.6")	Keyboard	
Display resolution *	1920 x 1080 pixels	Keyboard special features	Spill-resistant
Touchscreen *	✗	Pointing device	Clickpad
HD type	Full HD	Numeric keypad *	✓
Panel type	IPS	Keyboard backlit	✓
Anti-glare screen	✓	Spill-resistant keyboard	✓
Display bezel technology	Micro-Edge	Input device model	HP Premium Keyboard
Display brightness	400 cd/m ²	Software	
Display diagonal (metric)	39.6 cm	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
RGB colour space	NTSC	Operating system installed *	Windows 11 Pro
Colour gamut	72%	Processor special features	
Processor		Intel Flex Memory Access	✓
Processor manufacturer *	Intel	Intel Trusted Execution Technology	✓
Processor family *	Intel® Core™ i7	Intel VT-x with Extended Page Tables (EPT)	✓
Processor generation	12th gen Intel® Core™ i7	Execute Disable Bit	✓
Processor model *	i7-1255U	CPU configuration (max)	1
Processor cores	10	Embedded options available	✗
Processor threads	12		
Processor boost frequency	4.7 GHz		
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		
Memory			
Internal memory *	16 GB		
Internal memory type	DDR4-SDRAM		

Memory		Processor special features	
Memory clock speed	3200 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory layout (slots x size)	1 x 16 GB	Intel Virtualization Technology (VT-x)	✓
Memory slots	2x SO-DIMM	Brand-specific features	
Number of free internal memory expansion slots	1	HP speaker type	HP Dual Speakers
ECC	✗	HP Connection Optimizer	✓
Non-ECC	✓	HP Support Assistant	✓
Storage		HP Smart AC Adapter	✓
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 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start Gen7; HP Wake on WLAN; HP Tamper Lock	
Storage media *	SSD	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
Total SSDs capacity	512 GB	HP Hotkey Support; HP MAC Address Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HPQuickDrop; Tile App; HP Quick Touch; HP PC Hardware Diagnostics Windows	
Number of SSDs installed	1	HP Management tools	HP Software provided
SSD capacity	512 GB	HP segment	
SSD interface	PCI Express	HP GTIN (EAN/UPC)	
NVMe	✓	196786551635	
SSD form factor	M.2	Battery	
Optical drive type *	✗	Battery technology	Lithium-Ion (Li-Ion)
Graphics		Number of battery cells	3
Discrete graphics card model *	Not available	Battery capacity *	51 Wh
On-board graphics card *	✓	Power	
On-board GPU manufacturer	Intel	AC adapter power	45 W
Discrete graphics card *	✗	AC adapter frequency	50 - 60 Hz
On-board graphics card family	Intel Iris Xe Graphics	AC adapter input voltage	100 - 240 V
On-board graphics card model *	Intel Iris Xe Graphics	Security	
Audio		Fingerprint reader	✓
Built-in speaker(s)	✓	Trusted Platform Module (TPM)	✓
Number of built-in speakers	2	Trusted Platform Module (TPM) version	2.0
Built-in microphone	✓	Password protection	✓
Number of microphones	2	Password protection type	BIOS, Power on, User
Camera		Sustainability	
Front camera	✓	Sustainability compliance	✓
Front camera signal format	720p	Sustainability certificates	ENERGY STAR
Front camera HD type	HD	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)	
Infrared (IR) camera	✓	Sustainable technologies and materials	
Network		Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Width	359.4 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Depth	233.9 mm
Mobile network connection *	✗		
Antenna type	2x2		
WLAN controller model	Realtek RTL8852AE		
WLAN controller manufacturer	Realtek		
Bluetooth	✓		
Bluetooth version	5.2		
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		

Weight & dimensions

Height	19.9 mm
Weight *	1.74 kg

Packaging data

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

Packaging content

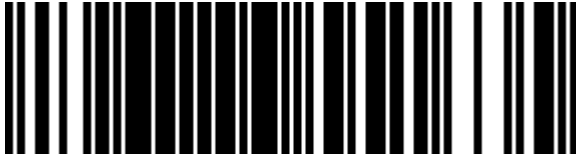
Keyboard included	✓
Stylus pen	✗

Logistics data

Harmonized System (HS) code	8471300000
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Other features

Number of speakers	2
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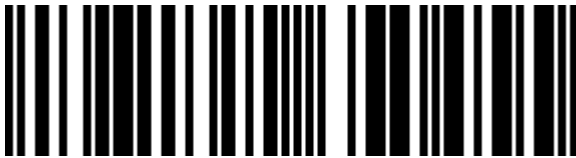
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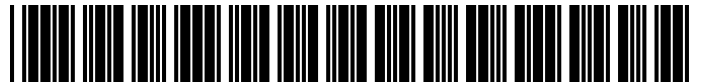
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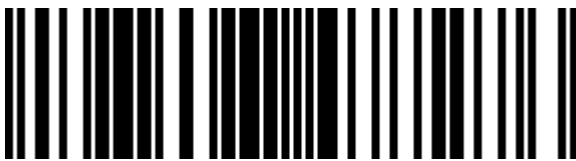
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