



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



Brand : HP

Product family: ProBook

Product code: 6A181EA

Product name : 450 G9

HP ProBook 450 G9. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1255U. 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 Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.74 kg

Design		Network	
Colour name	Pike silver aluminum	Bluetooth version	5.3
Product type *	Laptop	Ports & interfaces	
Product colour *	Silver	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Form factor *	Clamshell	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Market positioning	Everyday	HDMI ports quantity *	1
Introduction year	2022	HDMI version	2.1b
Country of origin	China	Combo headphone/mic port	✓
Original brand name	HP	USB Type-C DisplayPort Alternate Mode	✓
Display		Keyboard	
Display diagonal *	39.6 cm (15.6")	Keyboard special features	Étanche
Display resolution *	1920 x 1080 pixels	Pointing device	Clickpad
Touchscreen *	✗	Numeric keypad *	✓
HD type	Full HD	Spill-resistant keyboard	✓
Panel type	IPS	Full-size keyboard	✓
Anti-glare screen	✓	Input device model	Clavier HP Premium
Display bezel technology	Micro-Edge	Software	
Display brightness	400 cd/m ²	Operating system installed *	Windows 11 Pro
Display diagonal (metric)	39.6 cm	Processor special features	
RGB colour space	NTSC	Intel Flex Memory Access	✓
Colour gamut	72%	Intel Trusted Execution Technology	✓
Processor		Intel VT-x with Extended Page Tables (EPT)	✓
Processor manufacturer *	Intel	Execute Disable Bit	✓
Processor family *	Intel® Core™ i7	CPU configuration (max)	1
Processor generation	12th gen Intel® Core™ i7	Embedded options available	✗
Processor model *	i7-1255U	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor cores	10	Intel Virtualization Technology (VT-x)	✓
Processor threads	12	Brand-specific features	
Processor boost frequency	4.7 GHz	HP speaker type	HP Dual Speakers
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		
Memory			
Internal memory *	16 GB		
Internal memory type	DDR4-SDRAM		

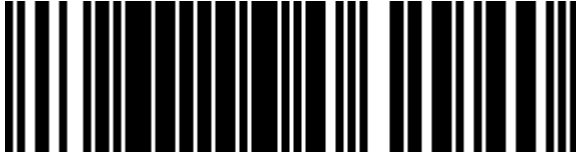
Memory		Brand-specific features	
Memory clock speed	3200 MHz	HP Connection Optimizer	✓
Memory layout (slots x size)	1 x 16 GB	HP Support Assistant	✓
Memory slots	2x SO-DIMM	HP Smart AC Adapter	✓
Number of free internal memory expansion slots	1	HP Software provided	HP Hotkey Support; HP MAC Address Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; Tile App; HP Quick Touch; HP PC Hardware Diagnostics Windows
ECC	✗		
Non-ECC	✓	HP segment	Business
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	3
Total SSDs capacity	512 GB	Battery capacity *	51 Wh
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	45 W
SSD interface	PCI Express	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete graphics card model *	Not available	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, User
On-board graphics card model *	Intel Iris Xe Graphics	Sustainability	
Audio		Sustainability compliance	✓
Built-in speaker(s)	✓	Sustainability certificates	TCO
Number of built-in speakers	2	Weight & dimensions	
Built-in microphone	✓	Width	359.4 mm
Number of microphones	2	Depth	233.9 mm
Camera		Height	19.9 mm
Front camera	✓	Weight *	1.74 kg
Front camera HD type	HD	Packaging data	
Network		Package width	69 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Package depth	520 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package height	305 mm
Mobile network connection *	✗	Packaging content	
Antenna type	2x2	Keyboard included	✓
WLAN controller model	Intel Wi-Fi 6E AX211	Stylus pen	✗
WLAN controller manufacturer	Intel	Other features	
Bluetooth	✓	Number of speakers	2



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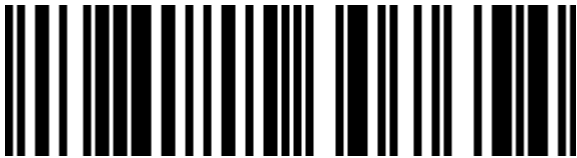
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