



HP EliteBook 650 G9 Intel® Core™ i5 i5-1235U 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: EliteBook

Product code: 9M3W1AT

Product name : 650 G9



- Intel® Core™ i5-1235U (up to 4.4 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
- EliteBook 650 15.6 inch G9 Notebook PC, 15.6", Windows 11 Pro, Intel® Core™ i5, 16GB RAM, 512GB SSD, FHD

HP EliteBook 650 G9 Intel® Core™ i5 i5-1235U Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver:



Upgrade to elite performance

The HP EliteBook 650 is a cost-effective, powerful, and secure PC that allows easy standardization, while giving end-users the tools needed work from almost anywhere. Designed around the fundamental needs of enterprise businesses, this PC features the collaboration, power, and security your business needs to stay on top.

Design		Network	
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product colour *	Silver	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Premium	WLAN controller model	Intel Wi-Fi 6E AX211
Introduction year	2023	WLAN controller manufacturer	Intel
Original brand name	HP	Bluetooth	✓
Display		Bluetooth version	5.3
Display diagonal *	39.6 cm (15.6")	Ports & interfaces	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Touchscreen *	✗	Ethernet LAN (RJ-45) ports	1
HD type	Full HD	HDMI ports quantity *	1
Panel type	IPS	HDMI version	2.1
Anti-glare screen	✓	Thunderbolt 4 ports quantity	1
Display bezel technology	Micro-Edge	Combo headphone/mic port	✓
Display brightness	250 cd/m ²	USB Type-C DisplayPort Alternate Mode	✓
Display diagonal (metric)	39.6 cm	USB Power Delivery	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Keyboard special features	Étanche
Processor		Pointing device	Clickpad
Processor manufacturer *	Intel	Numeric keypad *	✓
Processor family *	Intel® Core™ i5	Keyboard backlit	✓
Processor generation	12th gen Intel® Core™ i5	Spill-resistant keyboard	✓
Processor model *	i5-1235U	Input device model	Clavier HP Premium
Processor cores	10	Software	
Processor threads	12	Pre-installed software	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; HP Power Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP Quick Touch
Processor boost frequency	4.4 GHz	Operating system installed *	Windows 11 Pro
Processor frequency *	1.3 GHz		
Performance cores	2		
Efficient cores	8		
Performance-core Max Turbo Frequency	4.4 GHz		
Efficient-core Max Turbo Frequency	3.3 GHz		
Processor cache	12 MB		

Processor		Brand-specific features	
Processor cache type	L3	HP speaker type	HP Dual Speakers
Processor base power	15 W	HP Connection Optimizer	✓
Maximum turbo power	55 W	HP Support Assistant	✓
Memory		HP Smart AC Adapter	✓
Internal memory *	16 GB	HP front camera	HP Privacy HD
Internal memory type	DDR4-SDRAM		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; HP Client Security Manager Gen7; 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; HP Sure Run Gen5; HP Sure Recover Gen5; Secured-Core PC Enable
Memory clock speed	3200 MHz		HP Client Management Script Library (download); HP Driver Packs (download); HP Client Catalog (download); HP Manageability Integration Kit Gen4 (download); HP Image Assistant Gen5 (download); HP Patch Assistant (download); HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager
Memory layout (slots x size)	1 x 16 GB		HP Hotkey Support; HP MAC Address Manager; HP Power Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP Quick Touch
Memory slots	2x SO-DIMM	HP Security tools	
Maximum internal memory *	64 GB		
ECC	✗		
Non-ECC	✓		
Storage		HP Management tools	
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	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics		HP Software provided	
Discrete graphics card model *	Not available		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel	HP segment	Business
Discrete graphics card *	✗	HP GTIN (EAN/UPC)	198122157716
On-board graphics card family	Intel Iris Xe Graphics		
On-board graphics card model *	Intel Iris Xe Graphics		
Audio		Battery	
Built-in speaker(s)	✓	Battery technology	Lithium-Ion (Li-Ion)
Number of built-in speakers	2	Number of battery cells	3
Number of microphones	2	Battery capacity *	51 Wh
		Battery weight	180 g
Camera		Power	
Front camera	✓	AC adapter power	65 W
Front camera HD type	HD	AC adapter frequency	50 - 60 Hz
Infrared (IR) camera	✓	AC adapter input voltage	100 - 240 V
Network		Security	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Fingerprint reader	✓
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Password protection	✓
		Password protection type	BIOS, Power on, User
		Sustainability	
		Sustainability compliance	✓
		Sustainability certificates	CCC, ENERGY STAR, GS mark
		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

Stylus pen	✘
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Logistics data

Harmonized System (HS) code	8471300000
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Other features

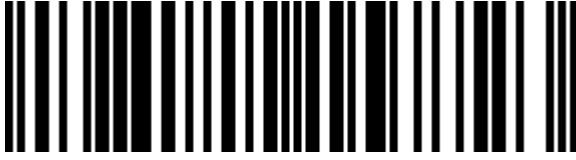
Number of speakers	2
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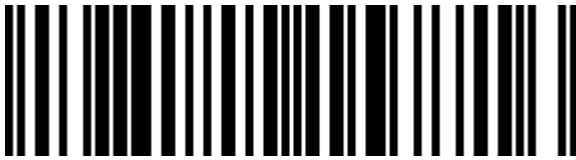
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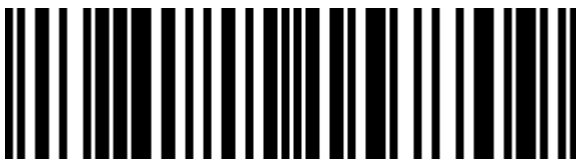
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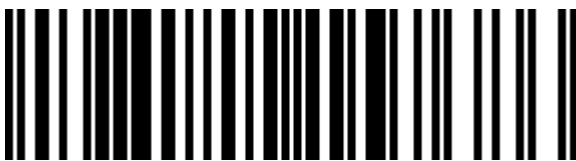
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