



# HP ProBook 650 G8 Intel® Core™ i5 i5-1135G7 Laptop 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Silver



**Brand :** HP

**Product family:** ProBook

**Product code:** 2Y2J9EA

**Product name :** 650 G8

- Intel® Core™ i5-1135G7 (up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)
  - Windows 10 Pro
  - 39.6 cm (15.6") diagonal FHD display
  - Intel® UHD Graphics
  - 8 GB memory; 256 GB SSD storage
- ProBook 650 G8 Notebook PC, 15.6", Windows 10 Pro, Intel® Core™ i5, 8GB RAM, 256GB SSD, FHD

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## Modern design for the enterprise

The new modern design of the HP ProBook 650 brings style to the enterprise and delivers the performance, durability, security, and manageability required for a range of users and budgets.



Design		Network	
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Silver	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	Intel Wi-Fi 6 AX201
Market positioning	Business	WLAN controller manufacturer	Intel
Intel® vPro™ Platform Eligibility	✗	Ethernet LAN	✗
Country of origin	China	Bluetooth	✓
<b>Display</b>		Bluetooth version	5.0
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 *	3
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD	HDMI ports quantity *	1
Panel type	IPS	HDMI version	1.4b
Native aspect ratio	16:9	Combo headphone/mic port	✓
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display bezel technology	Micro-Edge	USB Power Delivery	✓
Display brightness	250 cd/m <sup>2</sup>	<b>Keyboard</b>	
Display diagonal (metric)	39.6 cm	Keyboard special features	Pick and spill resistant
RGB colour space	NTSC	Pointing device	Clickpad
Colour gamut	45%	Numeric keypad *	✓
<b>Processor</b>		Keyboard backlight	✓
Processor manufacturer *	Intel	Full-size keyboard	✓
Processor family *	Intel® Core™ i5	<b>Software</b>	
Processor generation	11th gen Intel® Core™ i5	Operating system architecture	64-bit
Processor model *	i5-1135G7	Operating system installed *	Windows 10 Pro
Processor cores	4	<b>Processor special features</b>	
Processor threads	8	Intel Trusted Execution Technology	✗
Processor boost frequency	4.2 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor frequency *	2.4 GHz	Intel Stable Image Platform Program (SIPP)	✗
Processor cache	8 MB	Intel Software Guard Extensions (Intel SGX)	✗
Processor cache type	L3	Idle States	✓
Configurable TDP-up frequency	2.4 GHz		
Configurable TDP-up	28 W		
Configurable TDP-down	12 W		
Configurable TDP-down frequency	0.9 GHz		

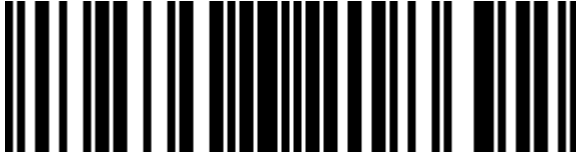
<b>Memory</b>		<b>Processor special features</b>	
Internal memory *	8 GB	CPU configuration (max)	1
Internal memory type	DDR4-SDRAM	Embedded options available	✗
Memory clock speed	3200 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory form factor	SO-DIMM	Intel Virtualization Technology (VT-x)	✓
Memory layout (slots x size)	2 x 4 GB	Processor ARK ID	208658
Memory slots	2x SO-DIMM		
ECC	✗		
<b>Storage</b>		<b>Brand-specific features</b>	
Total storage capacity *	256 GB	HP JumpStart	✓
Storage media *	SSD	HP speaker type	HP Dual Speakers
Total SSDs capacity	256 GB	HP Connection Optimizer	✓
Number of SSDs installed	1	HP Support Assistant	✓
SSD capacity	256 GB	HP front camera	HP Webcam
SSD interface	NVMe		Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ CertiBEd); HP Sure Click; Windows Defender; HP BIOSphere Gen5; HP Sure Sense; BIOS Update via Network; Master Boot Record Security; Support for chassis padlocks and cable lock devices; HP Client Security Manager Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3; HP Sure Admin; HP Pro Security Edition
NVMe	✓		
Optical drive type *	✗	HP Security tools	
Card reader integrated	✗		
<b>Graphics</b>			
Discrete graphics card model *	Not available		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✗		
On-board graphics card model *	Intel® UHD Graphics		
<b>Audio</b>			
Number of built-in speakers	2		
Built-in microphone	✓	HP Management tools	
Number of microphones	2		
<b>Camera</b>		HP segment	Business
Front camera	✓		
Front camera signal format	720p		
Front camera HD type	HD		
<b>Network</b>		<b>Battery</b>	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Battery technology	Lithium-Ion (Li-Ion)
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Number of battery cells	3
		Battery capacity *	45 Wh
		<b>Power</b>	
		AC adapter power	65 W
		<b>Certificates</b>	
		Low halogen	✓
		<b>Sustainability</b>	
		Sustainable technologies and materials	Low Halogen; TCO 8.0 certified
		<b>Weight &amp; dimensions</b>	
		Width	359.4 mm
		Depth	233.9 mm
		Height	19.9 mm
		Weight *	1.74 kg
		<b>Logistics data</b>	
		Harmonized System (HS) code	84713000



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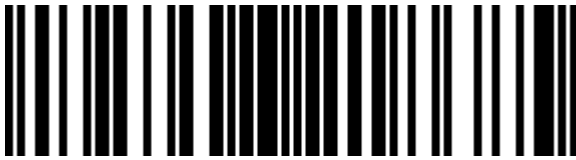
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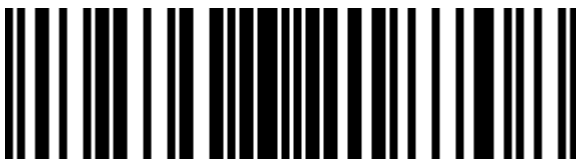
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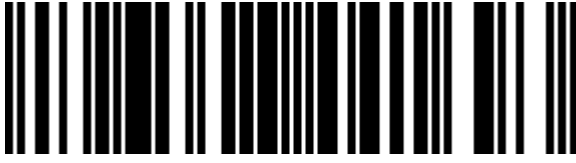
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