



# HP EliteBook 8 G1i Next Gen AI PC Wolf Pro Security Edition Copilot+ PC Intel Core Ultra 7 256V Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver



**Brand :** HP

**Product family:** EliteBook

**Product code:** D63JDET

**Product name :** EliteBook 8  
G1i Next Gen AI PC Wolf Pro  
Security Edition

- Intel Core™ Ultra 7 256V (up to 4.8 GHz with Intel Turbo Boost Technology, 12 MB L3 cache, 8 cores, 8 threads)
  - Windows 11 Pro
  - 35.6 cm (14") diagonal WUXGA display
  - Intel Arc™ Graphics
  - 16 GB LPDDR5x-8533 MT/s (onboard), 512 GB PCIe NVMe™ SSD
- EliteBook 8 G1i 14 inch Notebook Next Gen AI PC Wolf Pro Security Edition, 14", Windows 11 Pro, Intel Core™ Ultra 7, 16GB RAM, 512GB SSD, WUXGA, Glacier silver, Copilot+ PC

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## Next-gen AI redefines productivity for modern professionals

Experience unparalleled productivity and efficiency with the HP EliteBook 8 G1i 14-inch Next Gen AI PC. Designed for strategic work, offering seamless multitasking and unique collaboration features. Accomplish more, faster than ever, with AI that maintains momentum, offloads tasks, and analyzes data like never before.<sup>[3]</sup>

Design		Camera	
Colour name	Glacier silver	Infrared (IR) camera	✓
Product type *	Laptop	<b>Network</b>	
Product colour *	Silver	Wi-Fi	✓
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Market positioning	Premium	Wi-Fi standards	Wi-Fi 7 (802.11be)
Introduction year	2026	Mobile network connection *	✗
Intel® vPro™ Platform Eligibility	✗	Antenna type	2x2
Original brand name	HP	WLAN controller model	Intel Wi-Fi 7 BE201
<b>Display</b>		WLAN controller manufacturer	Intel
Display diagonal *	35.6 cm (14")	Ethernet LAN	✗
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.4
HD type	WUXGA	<b>Ports &amp; interfaces</b>	
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display brightness	300 cd/m <sup>2</sup>	HDMI ports quantity *	1
Display diagonal (metric)	35.6 cm	HDMI version	2.1
RGB colour space	sRGB	Thunderbolt 4 ports quantity	2
Colour gamut	62.5%	Intel® Thunderbolt 4	✓
sRGB coverage (typical)	62.5%	Combo headphone/mic port	✓
<b>Processor</b>		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	USB Sleep-and-Charge	✓
Processor family *	Intel Core Ultra 7	<b>Performance</b>	
Processor generation	Intel Core Ultra (Series 2)	Temperature sensor	✓
Processor model *	256V	Hall sensor	✓
Processor cores	8		
Processor threads	8		
Processor boost frequency	4.8 GHz		
Performance cores	4		

<b>Processor</b>		<b>Keyboard</b>	
Low Power Efficient-cores	4	Pointing device	Clickpad
Performance-core Max Turbo Frequency	4.8 GHz	Numeric keypad *	✗
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Keyboard backlit	✓
Performance-core base frequency	2.2 GHz	Spill-resistant keyboard	✓
Low Power Efficient-core Base Frequency	2200 MHz	Input device model	HP Premium Keyboard
Processor cache	12 MB	<b>Software</b>	
Processor cache type	L3	Operating system installed *	Windows 11 Pro
Processor socket	BGA 2833	Bundled software	HP Wolf Pro Security Edition (1 year)
Processor base power	17 W	<b>Processor special features</b>	
Maximum turbo power	37 W	Intel® Turbo Boost Technology	✓
<b>Neural processor unit (NPU)</b>		<b>Brand-specific features</b>	
Copilot+ PC	✓	HP speaker type	HP Dual Speakers
Neural processor unit (NPU)	Intel AI Boost	HP segment	Business
Sparsity support	✓	HP GTIN (EAN/UPC)	821844012154
Windows Studio effects support	✓	<b>Battery</b>	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery technology	Lithium Polymer (LiPo)
Total processor performance up to	115 TOPs	Number of battery cells	3
NPU performance up to	47 TOPs	Battery capacity *	62 Wh
GPU performance up to	64 TOPs	Fast charging	✓
<b>Memory</b>		Fast charging time (50%)	30 min
Internal memory *	16 GB	<b>Power</b>	
Internal memory type	LPDDR5x-SDRAM	AC adapter power	65 W
Memory clock speed	8533 MHz	AC adapter frequency	50 - 60 Hz
Memory form factor	On-board	AC adapter input voltage	100 - 240 V
Memory layout (slots x size)	Not available	USB Type-C charging port *	✓
Maximum internal memory *	16 GB	USB Type-C required charging power (min) *	65 W
<b>Storage</b>		USB Type-C required charging power (max) *	100 W
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	<b>Security</b>	
Total SSDs capacity	512 GB	Fingerprint reader	✓
Number of SSDs installed	1	Password protection	✓
SSD capacity	512 GB	Password protection type	BIOS, Power on
SSD interface	PCI Express	<b>Certificates</b>	
NVMe	✓	Compliance certificates	GS mark, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI
Optical drive type *	✗	<b>Sustainability</b>	
Card reader integrated	✗	Sustainability compliance	✓
<b>Graphics</b>		Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
Discrete graphics card model *	Not available	Sustainable technologies and materials	At least 80% recycled metal; Product Carbon Footprint; HP paper-based packaging is from recycled or certified sources; At least 50% post-consumer recycled plastic; Low halogen; Bulk packaging available
On-board graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board GPU manufacturer	Intel	Width	315.6 mm
Discrete graphics card *	✗	Depth	222 mm
On-board graphics card family	Intel Arc Graphics	Height (front)	1.17 cm
On-board graphics card model *	Intel Arc Graphics	Height (rear)	1.55 cm
<b>Audio</b>		Weight *	1.46 kg
Built-in speaker(s)	✓	<b>Packaging content</b>	
Number of built-in speakers	2	AC adapter included *	✓
Number of microphones	2	Keyboard included	✓
<b>Camera</b>			
Front camera	✓		
Front camera resolution (numeric)	5 MP		

**Technical details**

General Product Safety Regulation (GPSR) URL [https://support.hp.com/us-en/document/ish\\_6126692-6126777-16?openCLC=true](https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true)

**Other features**

UNSPSC-code	43211503
Manufacturer warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.



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