



HP ZBook 8 G1i Intel Core Ultra 7 265U Mobile workstation 35.6 cm (14") WUXGA 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver

Brand : HP

Product family: ZBook 8

Product code: C0DS5UC#ABA

Product name : ZBook 8 G1i



- Windows 11 Pro
 - Intel Core Ultra 7 265U (12MB Cache)
 - 14" WUXGA 1920 x 1200 IPS
 - 32GB (6400MHz) DDR5-SDRAM (2 x 16) & 512GB SSD
- Intel Core Ultra 7 265U (12MB Cache), 32GB DDR5-SDRAM, 512GB SSD, 14" WUXGA 1920 x 1200 IPS, Intel Graphics, WLAN, Webcam, Windows 11 Pro

HP ZBook 8 G1i Intel Core Ultra 7 265U Mobile workstation 35.6 cm (14") WUXGA 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver:

Step up performance. Not size.

Pro-level performance combines with true mobility in this sleek and powerful laptop. Review 3D designs, create with AI tools in pro apps, and work across multiple projects wherever you are. Stay productive with an AI workstation that delivers both performance and long-lasting battery.

Design		Graphics	
Product type *	Mobile workstation	Discrete graphics card model *	Not available
Product colour *	Silver	On-board graphics card *	✓
Form factor *	Clamshell	On-board GPU manufacturer	Intel
Market positioning	Performance	Discrete graphics card *	✗
Introduction year	2025	On-board graphics card family	Intel® Graphics
Original brand name	HP	On-board graphics card model *	Intel® Graphics
Display		Audio	
Display diagonal *	35.6 cm (14")	Number of built-in speakers	2
Display resolution *	1920 x 1200 pixels	Built-in microphone	✓
Touchscreen *	✗	Number of microphones	2
HD type	WUXGA	Camera	
Panel type	IPS	Front camera	✓
LED backlight	✓	Front camera resolution (numeric)	5 MP
Native aspect ratio	16:10	Infrared (IR) camera	✓
Anti-glare screen	✓	Network	
Display brightness	800 cd/m²	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display diagonal (metric)	35.6 cm	Wi-Fi standards	Wi-Fi 7 (802.11be)
RGB colour space	sRGB	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Processor		WLAN controller model	Intel Wi-Fi 7 BE201
Processor manufacturer *	Intel	WLAN controller manufacturer	Intel
Processor family *	Intel Core Ultra 7	Bluetooth	✓
Processor generation	Intel Core Ultra (Series 2)	Bluetooth version	5.3
Processor model *	265U	Ports & interfaces	
Processor cores	12	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor threads	14	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor boost frequency	5.3 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	2	HDMI ports quantity *	1
Efficient cores	8		
Low Power Efficient-cores	2		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5.3 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	4.2 GHz	Thunderbolt 4 ports quantity	2
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.1 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	1.7 GHz	Performance	
Low Power Efficient-core Base Frequency	700 MHz	Motherboard chipset	Intel SoC
Processor cache	12 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Clickpad
Processor socket	BGA 2049	Numeric keypad *	✗
Processor base power	15 W	Keyboard backlit	✓
Maximum turbo power	57 W	Spill-resistant keyboard	✓
Neural processor unit (NPU)		Full-size keyboard	✓
Neural processor unit (NPU)	Intel AI Boost	Software	
Sparsity support	✓	Operating system installed *	Windows 11 Pro
Windows Studio effects support	✓	Brand-specific features	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	HP speaker type	HP Dual Speakers
Total processor performance up to	24 TOPs	HP Connection Optimizer	✓
NPU performance up to	12 TOPs	HP Support Assistant	✓
GPU performance up to	8 TOPs	HP segment	Business
Memory		Battery	
Internal memory *	32 GB	Battery technology	Lithium Polymer (LiPo)
Internal memory type	DDR5-SDRAM	Number of battery cells	3
Memory clock speed	6400 MHz	Battery capacity *	62 Wh
Memory form factor	SO-DIMM	Fast charging	✓
Memory layout (slots x size)	2 x 16 GB	Fast charging time (50%)	30 min
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	100 W
Memory data transfer rate	6400 MT/s	AC adapter frequency	50 - 60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	512 GB	Fingerprint reader	✓
SSD memory type	TLC	Sustainability	
SSD interface	PCI Express 4.0	Sustainability certificates	ENERGY STAR
NVMe	✓	Weight & dimensions	
SSD form factor	M.2	Width	315.6 mm
Optical drive type *	✗	Depth	222 mm
		Height	18.9 mm
		Weight *	1.45 kg
		Packaging data	
		Package width	441 mm
		Package depth	274 mm
		Package height	63 mm
		Packaging content	
		AC adapter included *	✓



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