



HP ZBook 8 G1i Intel Core Ultra 5 225H Mobile workstation 35.6 cm (14") Touchscreen WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX 500 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Silver



Brand : HP

Product family: ZBook 8

Product code: B30LKES

Product name : ZBook 8 G1i

- Intel Core Ultra 5 225H processor, 14 cores (up to 4.9 GHz)
- 35.6 cm (14") IPS display (WUXGA, 60 Hz)
- RTX 500 (shared memory), 16GB RAM, 512GB SSD
- Wi-Fi 7, 1 x HDMI
- Windows 11 Professional

ZBook 8 G1i 14" WUXGA Core Ultra 5 225H 16GB/512GB SSD RTX 500 Ada Win11 Pro

[HP ZBook 8 G1i Intel Core Ultra 5 225H Mobile workstation 35.6 cm \(14"\) Touchscreen WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX 500 Ada 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 memory type	GDDR6
Product colour *	Silver	On-board graphics card *	✓
Form factor *	Clamshell	On-board GPU manufacturer	Intel
Market positioning	Performance	Discrete graphics card *	✓
Intel® vPro™ Platform Eligibility	✗	On-board graphics card family	Intel Arc Graphics
Original brand name	HP	On-board graphics card model *	Intel Arc 130T
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	✓
Display technology marketing name	UWVA	Front camera resolution (numeric)	5 MP
LED backlight	✓	Network	
Native aspect ratio	16:10	Wi-Fi	✓
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display brightness	300 cd/m²	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display diagonal (metric)	35.6 cm	Mobile network connection *	✗
RGB colour space	sRGB	Antenna type	2x2
Colour gamut	62.5%	WLAN controller model	Intel Wi-Fi 7 BE201
sRGB coverage (typical)	62.5%	WLAN controller manufacturer	Intel
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.4
Processor family *	Intel Core Ultra 5	Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor model *	225H	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cores	14	Ethernet LAN (RJ-45) ports	1
Processor threads	14	HDMI ports quantity *	1
Processor boost frequency	4.9 GHz		
Performance cores	4		

Processor		Ports & interfaces	
Efficient cores	8	HDMI version	2.1
Low Power Efficient-cores	2	Thunderbolt 4 ports quantity	2
Performance-core Max Turbo Frequency	4.9 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.3 GHz	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Performance	
Performance-core base frequency	1.7 GHz	Motherboard chipset	Intel SoC
Efficient-core base frequency	1.3 GHz	Keyboard	
Low Power Efficient-core Base Frequency	700 MHz	Pointing device	Clickpad
Processor cache	18 MB	Numeric keypad *	✗
Processor base power	28 W	Keyboard backlit	✓
Maximum turbo power	115 W	Spill-resistant keyboard	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system installed *	Windows 11 Pro
Sparsity support	✓	Processor special features	
Windows Studio effects support	✓	Intel® Turbo Boost Technology	✓
Total processor performance up to	83 TOPs	Brand-specific features	
NPU performance up to	13 TOPs	HP speaker type	HP Dual Speakers
GPU performance up to	63 TOPs	HP Connection Optimizer	✓
Memory		HP Support Assistant	✓
Internal memory *	16 GB	HP front camera	HP Webcam 5MP
Internal memory type	DDR5-SDRAM	HP segment	Business
Memory clock speed	6400 MHz	Battery	
Memory form factor	SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Memory layout (slots x size)	2 x 16 GB	Number of battery cells	3
Memory slots	2x SO-DIMM	Battery capacity *	77 Wh
Maximum internal memory *	64 GB	Power	
Memory data transfer rate	6400 MT/s	AC adapter power	14 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	512 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express	Fingerprint reader	✓
NVMe	✓	Weight & dimensions	
SSD form factor	M.2	Width	316 mm
Optical drive type *	✗	Depth	222 mm
Graphics		Height	19 mm
Discrete graphics card model *	NVIDIA RTX 500 Ada	Weight *	1.43 kg
Discrete graphics card memory	4 GB	Packaging data	
		Package width	441 mm
		Package depth	274 mm
		Package height	63 mm
		Packaging content	
		Keyboard included	✓
		Other features	
		UNSPSC-code	43211503



0199485594477



199485594477

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.