



HP ZBook Fury G1i Intel Core Ultra 7 255HX Mobile workstation 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 1000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro Silver

Brand : HP

Product family: ZBook Fury

Product code: C88G7ES

Product name : ZBook Fury
G1i



- Windows 11 Pro
- Intel Core Ultra 7 255HX (30MB Cache)
- 16" WUXGA 1920 x 1200 IPS, NVIDIA RTX PRO 1000 Blackwell (8GB GDDR6X)
- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD

Intel Core Ultra 7 255HX (30MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 16" WUXGA 1920 x 1200 IPS, Intel Graphics, NVIDIA RTX PRO 1000 Blackwell (8GB GDDR6X), WLAN, Webcam, Windows 11 Pro

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So powerful you'll forget it's a laptop.

Tackle your most intense workflows with the HP ZBook Fury—offering a desktop class CPU in a laptop. With pro-graphics, massive memory and storage, and AI enhanced collaboration features, you can edit 8K videos, render in 3D or fine-tune machine learning models. Experience AI workstation performance on the go.

Design		Graphics	
Product type *	Mobile workstation	Discrete GPU manufacturer	NVIDIA
Product colour *	Silver	Discrete graphics card model *	NVIDIA RTX PRO 1000 Blackwell
Form factor *	Clamshell	Discrete graphics card memory	8 GB
Market positioning	Performance	Discrete graphics memory type	GDDR6X
Display		On-board graphics card *	✓
Display diagonal *	40.6 cm (16")	On-board GPU manufacturer	Intel
Display resolution *	1920 x 1200 pixels	Discrete graphics card *	✓
Touchscreen *	✗	On-board graphics card family	Intel® Graphics
HD type	WUXGA	On-board graphics card model *	Intel® Graphics
Panel type	IPS	Audio	
LED backlight	✓	Number of built-in speakers	4
Native aspect ratio	16:10	Built-in microphone	✓
Anti-glare screen	✓	Number of microphones	2
Display brightness	400 cd/m²	Camera	
Display diagonal (metric)	40.6 cm	Front camera	✓
RGB colour space	sRGB	Front camera resolution (numeric)	5 MP
Colour gamut	100%	Infrared (IR) camera	✓
Low Blue Light technology	✓	Network	
Processor		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor manufacturer *	Intel	802.11a, Wi-Fi 5 (802.11ac), Wi-Fi 7 (802.11be), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	
Processor family *	Intel Core Ultra 7	Wi-Fi standards	
Processor generation	Intel Core Ultra (Series 2)	Mobile network connection *	✗
Processor model *	255HX	WLAN controller model	Intel Wi-Fi 7 BE200
Processor cores	20	WLAN controller manufacturer	Intel
Processor threads	20	Bluetooth	✓
Processor boost frequency	5.2 GHz	Bluetooth version	5.4
Performance cores	8		
Efficient cores	12		
Performance-core Max Turbo Frequency	5.2 GHz		
Efficient-core Max Turbo Frequency	4.5 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	2.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Efficient-core base frequency	1.8 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	30 MB	HDMI ports quantity *	1
Processor base power	55 W	HDMI version	2.1
Maximum turbo power	160 W	Thunderbolt 4 ports quantity	1
Neural processor unit (NPU)		Thunderbolt 5 ports quantity	2
Neural processor unit (NPU)	Intel AI Boost	Combo headphone/mic port	✓
Sparsity support	✓	USB Type-C DisplayPort Alternate Mode	✓
Windows Studio effects support	✓	Keyboard	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Pointing device	Touchpad
Total processor performance up to	33 TOPs	Numeric keypad *	✓
NPU performance up to	13 TOPs	Spill-resistant keyboard	✓
GPU performance up to	8 TOPs	Software	
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	32 GB	Brand-specific features	
Internal memory type	DDR5-SDRAM	HP speaker type	HP Quad Speakers
Memory form factor	SO-DIMM	HP Connection Optimizer	✓
Memory layout (slots x size)	2 x 16 GB	HP Support Assistant	✓
Memory slots	4x SO-DIMM	HP segment	Business
Memory data transfer rate	5600 MT/s	Battery	
Storage		Battery technology	Lithium Polymer (LiPo)
Total storage capacity *	1 TB	Number of battery cells	8
Storage media *	SSD	Battery capacity *	99 Wh
Total SSDs capacity	1 TB	Fast charging	✓
Number of SSDs installed	1	Fast charging time (50%)	30 min
SSD capacity	1 TB	Power	
Optical drive type *	✗	AC adapter power	280 W
Card reader integrated	✓	USB Type-C charging port *	✓
Compatible memory cards	SD	USB Power Delivery (USB PD)	✓
		Weight & dimensions	
		Width	359 mm
		Depth	249 mm
		Height	27 mm
		Weight *	2.43 kg



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