



HP ZBook Fury G1i Data Science Intel Core Ultra 9 285HX Mobile workstation 40.6 cm (16") WUXGA 64 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 3000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro AI Workstation, AI PC Silver



Brand : HP

Product family: ZBook Fury

Product code: 98M29ET

Product name : ZBook Fury
G1i Data Science

- Intel Core™ Ultra 9 285HX (up to 5.5 GHz with Intel Turbo Boost Technology, 40 MB L2 cache, 24 cores, 24 threads)
 - Windows 11 Pro
 - 40.6 cm (16") diagonal WUXGA display
 - NVIDIA RTX PRO™ 3000 Blackwell Generation Laptop GPU (12 GB GDDR7 dedicated)
 - 64 GB DDR5-5600 MT/s (2 x 32 GB), 1 TB PCIe Gen4 NVMe™ TLC M.2 SSD
- ZBook Fury G1i 16 inch Mobile Workstation PC - Data Science, 16", Windows 11 Pro, Intel Core™ Ultra 9, 64GB RAM, 1TB SSD, NVIDIA RTX PRO™ 3000 Blackwell, WUXGA, Meteor silver, AI Workstation; AI PC

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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		Audio	
Colour name	Meteor silver	Built-in speaker(s)	✓
Product type *	Mobile workstation	Number of built-in speakers	4
Product colour *	Silver	Speaker power	1 W
Form factor *	Clamshell	Built-in microphone	✓
Market positioning	Performance	Number of microphones	2
Introduction year	2025	Camera	
Intel® vPro™ Platform Eligibility	✓	Front camera	✓
Country of origin	China, Mexico	Front camera resolution (numeric)	5 MP
Original brand name	HP	Infrared (IR) camera	✓
Display		Network	
Display diagonal *	40.6 cm (16")	Wi-Fi	✓
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 7 (802.11be)
HD type	WUXGA	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
Anti-glare screen	✓	WLAN controller model	Intel Wi-Fi 7 BE200
Display brightness	400 cd/m ²	WLAN controller manufacturer	Intel
Display diagonal (metric)	40.6 cm	Ethernet LAN	✓
RGB colour space	sRGB	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.4
sRGB coverage (typical)	100%	Ports & interfaces	
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor manufacturer *	Intel	USB4 Gen 3x2 ports quantity	1
Processor family *	Intel Core Ultra 9	HDMI ports quantity *	1
Processor generation	Intel Core Ultra (Series 2)	HDMI version	2.1
Processor model *	285HX	Thunderbolt 4 ports quantity	1
Processor cores	24	Thunderbolt 5 ports quantity	2
Processor threads	24		
Processor boost frequency	5.5 GHz		

Processor		Ports & interfaces	
Performance cores	8	Intel® Thunderbolt 4	✓
Efficient cores	16	Intel® Thunderbolt 5	✓
Performance-core Max Turbo Frequency	5.5 GHz	Microphone in	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.8 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	2.1 GHz		
Processor cache	40 MB	Keyboard	
Processor cache type	L2	Pointing device	Touchpad
Processor base power	55 W	Numeric keypad *	✓
Maximum turbo power	160 W	Keyboard backlit	✓
Neural processor unit (NPU)		Spill-resistant keyboard	✓
Neural processor unit (NPU)	Intel AI Boost	Input device model	HP Premium Keyboard
Sparsity support	✓	Software	
Windows Studio effects support	✓	Operating system installed *	Windows 11 Pro
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Processor special features	
Total processor performance up to	36 TOPs	Intel® Turbo Boost Technology	✓
NPU performance up to	13 TOPs	Brand-specific features	
GPU performance up to	8 TOPs	HP speaker type	HP Quad Speakers
Memory		HP Connection Optimizer	✓
Internal memory *	64 GB	HP Support Assistant	✓
Internal memory type	DDR5-SDRAM	HP front camera	HP Webcam 5MP
Memory clock speed	5600 MHz	HP Artificial Intelligence	AI Workstation, AI PC
Memory form factor	SO-DIMM	HP segment	Business
Memory layout (slots x size)	2 x 32 GB	HP GTIN (EAN/UPC)	199485883090
Memory slots	4x SO-DIMM	Battery	
Maximum internal memory *	64 GB	Battery technology	Lithium Polymer (LiPo)
Memory channels	Dual-channel	Number of battery cells	8
Memory data transfer rate	5600 MT/s	Battery capacity *	99 Wh
Non-ECC	✓	Fast charging	✓
Storage		Fast charging time (50%)	30 min
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	280 W
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	USB Type-C charging port *	✓
SSD memory type	TLC	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, Power on
Card reader integrated	✓	Sustainability	
Compatible memory cards	SD	Sustainability compliance	✓
Graphics		Sustainability certificates	ENERGY STAR, TCO, TCO10
Discrete GPU manufacturer	NVIDIA	Low halogen; 40% post-consumer recycled plastic; Bulk packaging available; External power supply 90% efficiency; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable	
Discrete graphics card model *	NVIDIA RTX PRO 3000 Blackwell	Sustainable technologies and materials	
Discrete graphics card memory	12 GB	Weight & dimensions	
Discrete graphics memory type	GDDR7	Width	359 mm
On-board graphics card *	✓	Depth	249 mm
On-board GPU manufacturer	Intel	Height	27 mm
Discrete graphics card *	✓		
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics		

Weight & dimensions

Weight * 2.43 kg

Packaging content

Keyboard included ✓

Logistics data

Harmonized System (HS) code 8471300000

Other features

UNSPSC-code 43211503

Memory module type SODIMM

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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