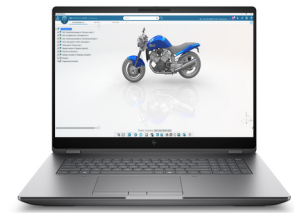




# HP ZBook Fury G1i Data Science Intel Core Ultra 7 255HX Mobile workstation 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 2000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro AI Workstation, AI PC Silver



**Brand :** HP

**Product family:** ZBook Fury

**Product code:** 98M05ET

**Product name :** ZBook Fury  
G1i Data Science

- Intel Core™ Ultra 7 255HX (up to 5.2 GHz with Intel Turbo Boost Technology, 30 MB L3 cache, 20 cores, 20 threads)
  - Windows 11 Pro
  - 45.7 cm (18") diagonal WQXGA display
  - NVIDIA RTX PRO™ 2000 Blackwell Generation Laptop GPU (8 GB GDDR7 dedicated)
  - 32 GB DDR5-5600 MT/s (1 x 32 GB), 1 TB PCIe Gen4 NVMe™ TLC M.2 SSD
- ZBook Fury G1i 18 inch Mobile Workstation PC - Data Science, 18", Windows 11 Pro, Intel Core™ Ultra 7, 32GB RAM, 1TB SSD, NVIDIA RTX PRO™ 1000 Blackwell, WQXGA, Meteor silver, AI Workstation; AI PC

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

Tackle intense workflows with the HP ZBook Fury—offering a desktop class CPU in a laptop. The 18" size delivers even more power for pro-graphics, and massive memory and storage. Simultaneously edit 8K videos, render in 3D or fine-tune machine learning models. This is 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
Intel® vPro™ Platform Eligibility	✗	Camera	
Country of origin	China, Mexico	Front camera	✓
Original brand name	HP	Front camera resolution (numeric)	5 MP
Display		Infrared (IR) camera	✓
Display diagonal *	45.7 cm (18")	Network	
Display resolution *	2560 x 1600 pixels	Wi-Fi	✓
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 7 (802.11be)
Panel type	IPS	Mobile network connection *	✗
Display brightness	500 cd/m <sup>2</sup>	Antenna type	2x2
Display diagonal (metric)	45.7 cm	WLAN controller model	Intel Wi-Fi 7 BE200
RGB colour space	DCI-P3	WLAN controller manufacturer	Intel
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	165 Hz	Bluetooth	✓
DCI-P3 coverage	100%	Bluetooth version	5.4
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor family *	Intel Core Ultra 7	USB4 Gen 3x2 ports quantity	1
Processor generation	Intel Core Ultra (Series 2)	Ethernet LAN (RJ-45) ports	1
Processor model *	255HX	HDMI ports quantity *	1
Processor cores	20	HDMI version	2.1
Processor threads	20	Thunderbolt 4 ports quantity	1
Processor boost frequency	5.2 GHz	Thunderbolt 5 ports quantity	2
Performance cores	8		
Efficient cores	12		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Performance-core Max Turbo Frequency	5.2 GHz	Intel® Thunderbolt 4	✓
Efficient-core Max Turbo Frequency	4.5 GHz	Intel® Thunderbolt 5	✓
Performance-core base frequency	2.4 GHz	Microphone in	✓
Efficient-core base frequency	1.8 GHz	Combo headphone/mic port	✓
Processor cache	30 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	L3	<b>Keyboard</b>	
Processor base power	55 W	Pointing device	Clickpad
Maximum turbo power	160 W	Numeric keypad *	✓
<b>Neural processor unit (NPU)</b>		Keyboard backlit	✓
Neural processor unit (NPU)	Intel AI Boost	Spill-resistant keyboard	✓
Sparsity support	✓	Input device model	HP Premium Keyboard
Windows Studio effects support	✓	<b>Software</b>	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Operating system installed *	Windows 11 Pro
Total processor performance up to	33 TOPs	<b>Processor special features</b>	
NPU performance up to	13 TOPs	Intel® Turbo Boost Technology	✓
GPU performance up to	8 TOPs	<b>Brand-specific features</b>	
<b>Memory</b>		HP Artificial Intelligence	AI Workstation, AI PC
Internal memory *	32 GB	HP segment	Business
Internal memory type	DDR5-SDRAM	HP GTIN (EAN/UPC)	199485882321
Memory clock speed	5600 MHz	<b>Battery</b>	
Memory form factor	SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Memory layout (slots x size)	1 x 32 GB	Number of battery cells	8
Memory slots	4x SO-DIMM	Battery capacity *	99 Wh
Maximum internal memory *	32 GB	Fast charging	✓
Memory channels	Dual-channel	Fast charging time (50%)	30 min
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	1 TB	AC adapter power	200 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	1 TB	USB Power Delivery (USB PD)	✓
SSD memory type	TLC	<b>Security</b>	
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS, Power on
Optical drive type *	✗	<b>Sustainability</b>	
<b>Graphics</b>		Sustainability compliance	✓
Discrete GPU manufacturer	NVIDIA	Sustainability certificates	ENERGY STAR, TCO, TCO10
Discrete graphics card model *	NVIDIA RTX PRO 2000 Blackwell	Sustainable technologies and materials 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 memory	8 GB		
Discrete graphics memory type	GDDR7		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics		
		<b>Weight &amp; dimensions</b>	
		Width	403 mm
		Depth	289 mm
		Height	27 mm
		Weight *	3.52 kg
		<b>Packaging content</b>	
		Keyboard included	✓

**Logistics data**

Harmonized System (HS) code	8471300000
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**Other features**

UNSPSC-code	43211503
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Memory module type	SODIMM
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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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