



HP ZBook Fury G1i Wolf Pro Security Edition - Data Science Intel Core Ultra 9 285HX Mobile workstation 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 4000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro AI Workstation, AI PC Silver AZERTY

Brand : HP

Product family: ZBook Fury

Product code: C78G6ET#UUG

Product name : ZBook Fury
G1i Wolf Pro Security Edition -
Data Science

HP ZBook Fury G1i Wolf Pro Security Edition - Data Science. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 285HX. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 3840 x 2400 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA RTX PRO 4000 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Silver



Design		Graphics	
Colour name	Meteor silver	On-board graphics card model *	Intel® Graphics
Product type *	Mobile workstation	Audio	
Product colour *	Silver	Built-in speaker(s)	✓
Form factor *	Clamshell	Number of built-in speakers	4
Market positioning	Performance	Speaker power	1 W
Introduction year	2025	Built-in microphone	✓
Intel® vPro™ Platform Eligibility	✓	Number of microphones	2
Country of origin	China, Mexico	Camera	
Original brand name	HP	Front camera	✓
Display		Front camera resolution (numeric)	5 MP
Display diagonal *	40.6 cm (16")	Infrared (IR) camera	✓
Display resolution *	3840 x 2400 pixels	Network	
Touchscreen *	✗	Wi-Fi	✓
HD type	WQXGA	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Panel type	IPS	Wi-Fi standards	Wi-Fi 7 (802.11be)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	500 cd/m²	Antenna type	2x2
Display diagonal (metric)	40.6 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	120 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 9	USB4 Gen 3x2 ports quantity	1
Processor generation	Intel Core Ultra (Series 2)	Ethernet LAN (RJ-45) ports	1
Processor model *	285HX	HDMI ports quantity *	1
Processor cores	24	HDMI version	2.1
Processor threads	24		
Processor boost frequency	5.5 GHz		
Performance cores	8		

Processor		Ports & interfaces	
Efficient cores	16	Thunderbolt 4 ports quantity	1
Performance-core Max Turbo Frequency	5.5 GHz	Thunderbolt 5 ports quantity	2
Efficient-core Max Turbo Frequency	4.6 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	2.8 GHz	Intel® Thunderbolt 5	✓
Efficient-core base frequency	2.1 GHz	Microphone in	✓
Processor cache	40 MB	Combo headphone/mic port	✓
Processor cache type	L2	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	55 W	Performance	
Maximum turbo power	160 W	Repairability index	8.9
Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	Touchpad
Sparsity support	✓	Numeric keypad *	✓
Windows Studio effects support	✓	Keyboard backlit	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Spill-resistant keyboard	✓
Total processor performance up to	36 TOPs	Keyboard layout	AZERTY
NPU performance up to	13 TOPs	Input device model	HP Premium Keyboard
GPU performance up to	8 TOPs	Software	
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	32 GB	Processor special features	
Internal memory type	DDR5-SDRAM	Intel® Turbo Boost Technology	✓
Memory clock speed	5600 MHz	Brand-specific features	
Memory form factor	SO-DIMM	HP speaker type	HP Quad Speakers
Memory layout (slots x size)	1 x 32 GB	HP Connection Optimizer	✓
Memory slots	4x SO-DIMM	HP Support Assistant	✓
Maximum internal memory *	32 GB	HP front camera	HP Webcam 5MP
Memory channels	Dual-channel	HP Artificial Intelligence	AI Workstation, AI PC
Storage		HP segment	Business
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium Polymer (LiPo)
Total SSDs capacity	1 TB	Number of battery cells	8
Number of SSDs installed	1	Battery capacity *	99 Wh
SSD capacity	1 TB	Fast charging	✓
SSD interface	PCI Express 5.0	Fast charging time (50%)	30 min
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	280 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✓	AC adapter input voltage	100 - 240 V
Compatible memory cards	SD	USB Type-C charging port *	✓
Graphics		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA RTX PRO 4000 Blackwell	Fingerprint reader	✓
Discrete graphics card memory	16 GB	Password protection	✓
Discrete graphics memory type	GDDR7	Password protection type	BIOS, Power on
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	Intel	Sustainability compliance	✓
Discrete graphics card *	✓	Sustainability certificates	ENERGY STAR, TCO, TCO10
On-board graphics card family	Intel® Graphics	Sustainable technologies and materials	Low halogen; At least 40% post-consumer recycled plastic; Bulk packaging available; External power supply 90% efficiency; Molded paper pulp cushion inside box is made of 100% recycled or certified sources; Outside box and corrugated cushions are made of 100% recycled or certified sources

Weight & dimensions	
Width	359 mm
Depth	249 mm
Height	27 mm
Weight *	2.43 kg
Packaging content	
Keyboard included	✓
Other features	
UNSPSC-code	43211503
Memory module type	SODIMM



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