



HP ZBook Fury G1i Wolf Pro Security Edition - Data Science Intel Core Ultra 7 255HX Mobile workstation 45.7 cm (18") WQXGA 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: C78LCET

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 7, Processor model: 255HX. Display diagonal: 45.7 cm (18"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 64 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 3000 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 *	45.7 cm (18")	Infrared (IR) camera	✓
Display resolution *	2560 x 1600 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)
LED backlight	✓	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Anti-glare screen	✓	WLAN controller model	Intel Wi-Fi 7 BE200
Display brightness	500 cd/m²	WLAN controller manufacturer	Intel
Display diagonal (metric)	45.7 cm	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.4
Colour gamut	100%	Near Field Communication (NFC)	✓
Maximum refresh rate	165 Hz	Ports & interfaces	
DCI-P3 coverage	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor		USB4 Gen 3x2 ports quantity	1
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel Core Ultra 7	HDMI ports quantity *	1
Processor generation	Intel Core Ultra (Series 2)	HDMI version	2.1
Processor model *	255HX		
Processor cores	20		

Processor		Ports & interfaces	
Processor threads	20	Thunderbolt 4 ports quantity	1
Processor boost frequency	5.2 GHz	Thunderbolt 5 ports quantity	2
Performance cores	8	Intel® Thunderbolt 4	✓
Efficient cores	12	Intel® Thunderbolt 5	✓
Performance-core Max Turbo Frequency	5.2 GHz	Microphone in	✓
Efficient-core Max Turbo Frequency	4.5 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	1.8 GHz		
Processor cache	30 MB		
Processor cache type	L3		
Processor base power	55 W		
Maximum turbo power	160 W		
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Motherboard chipset	Intel WM890
Sparsity support	✓	Repairability index	8.8
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	33 TOPs		
NPU performance up to	13 TOPs		
GPU performance up to	8 TOPs		
Memory		Keyboard	
Internal memory *	64 GB	Pointing device	Clickpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory clock speed	5600 MHz	Keyboard backlit	✓
Memory form factor	SO-DIMM	Island-style keyboard	✓
Memory layout (slots x size)	4 x 16 GB	Spill-resistant keyboard	✓
Memory slots	4x SO-DIMM	Input device model	HP Premium Keyboard
Maximum internal memory *	64 GB		
Memory channels	Dual-channel		
Memory data transfer rate	5600 MT/s		
Storage		Software	
Total storage capacity *	1 TB	Trial software	HP Wolf Pro Security Edition
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	SD		
Graphics		Processor special features	
Discrete GPU manufacturer	NVIDIA	Intel® Turbo Boost Technology	✓
Discrete graphics card model *	NVIDIA RTX PRO 3000 Blackwell		
Discrete graphics card memory	12 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		
		Brand-specific features	
		HP speaker type	HP Quad Speakers
		HP Connection Optimizer	✓
		HP Support Assistant	✓
		HP Artificial Intelligence	AI Workstation, AI PC
		HP segment	Business
		Battery	
		Battery technology	Lithium Polymer (LiPo)
		Number of battery cells	8
		Battery capacity *	99 Wh
		Fast charging	✓
		Fast charging time (50%)	30 min
		Power	
		AC adapter power	280 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		Security	
		Fingerprint reader	✓
		Password protection	✓
		Password protection type	BIOS, Power on
		Sustainability	
		Sustainability compliance	✓
		Sustainability certificates	ENERGY STAR, TCO, TCO10

Sustainability	
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	403 mm
Depth	289 mm
Height	27 mm
Weight *	3.52 kg
Packaging content	
Keyboard included	✓
Other features	
UNSPSC-code	43211503
Memory module type	SODIMM



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