



HP Zbook X G2i Wolf Pro Security Edition Copilot+ PC Intel Core Ultra 7 356H 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 AI Workstation, AI PC Silver

Brand : HP

Product family: Zbook X

Product code: DN7U4ET#ABH

Product name : ZBook X G2i
Wolf Pro Security Edition

HP Zbook X G2i Wolf Pro Security Edition. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 356H. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 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 1000 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Silver



Design		Graphics	
Colour name	Meteor silver	On-board graphics card family	Intel® Graphics
Product type *	Mobile workstation	On-board graphics card model *	Intel® Graphics
Product colour *	Silver	Ray tracing acceleration	✓
Form factor *	Clamshell	Audio	
Market positioning	Performance	Built-in speaker(s)	✓
Introduction year	2026	Number of built-in speakers	2
Original brand name	HP	Built-in microphone	✓
Display		Number of microphones	2
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	1920 x 1200 pixels	Front camera	✓
Touchscreen *	✗	Front camera resolution (numeric)	5 MP
HD type	WUXGA	Infrared (IR) camera	✓
Panel type	IPS	Network	
LED backlight	✓	Wi-Fi	✓
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display brightness	400 cd/m²	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display diagonal (metric)	40.6 cm	Mobile network connection *	✗
RGB colour space	sRGB	Antenna type	2x2
Colour gamut	100%	WLAN controller model	Intel Wi-Fi 7 BE211
sRGB coverage (typical)	100%	WLAN controller manufacturer	Intel
Processor		Ethernet LAN	✓
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core Ultra 7	Bluetooth version	6.0
Processor generation	Intel® Core™ Ultra (Series 3)	Ports & interfaces	
Processor model *	356H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	16	Ethernet LAN (RJ-45) ports	1
Processor threads	16	HDMI ports quantity *	1
Processor boost frequency	4.7 GHz	HDMI version	2.1
Performance cores	4		
Efficient cores	8		
Low Power Efficient-cores	4		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.7 GHz	Thunderbolt 4 ports quantity	2
Efficient-core Max Turbo Frequency	3.5 GHz	Intel® Thunderbolt 4	✓
Low Power Efficient-core Max Turbo Frequency	3.3 GHz	Combo headphone/mic port	✓
Performance-core base frequency	1.9 GHz	SmartCard slot	✓
Efficient-core base frequency	1.5 GHz	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-core Base Frequency	1500 MHz	Performance	
Processor cache	18 MB	Ambient light sensor	✓
Processor cache type	L3	Temperature sensor	✓
Processor socket	FCBGA2540	Hall sensor	✓
Processor base power	25 W	Keyboard	
Maximum turbo power	80 W	Pointing device	Clickpad
Neural processor unit (NPU)		Numeric keypad *	✓
Copilot+ PC	✓	Keyboard backlit	✓
Neural processor unit (NPU)	Intel AI Boost	Full-size keyboard	✓
Sparsity support	✓	Keyboard layout	QWERTY
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN	Operating system installed *	Windows 11 Pro
NPU performance up to	50 TOPs	Bundled software	HP Wolf Pro Security Edition
GPU performance up to	40 TOPs	Processor special features	
Memory		Intel® Turbo Boost Technology	✓
Internal memory *	32 GB	Brand-specific features	
Internal memory type	DDR5-SDRAM	HP speaker type	HP Dual Speakers
Memory clock speed	5600 MHz	HP Connection Optimizer	✓
Memory form factor	SO-DIMM	HP Support Assistant	✓
Memory layout (slots x size)	2 x 16 GB	HP Artificial Intelligence	AI Workstation, AI PC
Memory slots	2x SO-DIMM	HP segment	Business
Maximum internal memory *	128 GB	Battery	
Memory data transfer rate	5600 MT/s	Battery technology	Lithium Polymer (LiPo)
Non-ECC	✓	Number of battery cells	6
Storage		Battery capacity *	96 Wh
Total storage capacity *	1 TB	Fast charging	✓
Storage media *	SSD	Fast charging time (50%)	30 min
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	150 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Card reader integrated	✓	Cable lock slot	✓
Compatible memory cards	SD	Cable lock slot type	Nano
Graphics		Fingerprint reader	✓
Discrete GPU manufacturer	NVIDIA	Password protection	✓
Discrete graphics card model *	NVIDIA RTX PRO 1000 Blackwell	Password protection type	BIOS, Power on
Discrete graphics card memory	8 GB	Sustainability	
Discrete graphics memory type	GDDR7	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, TCO
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		

Sustainability	
Sustainable technologies and materials	Low halogen PCAs; Molded paper pulp cushion inside box is made of 100% recycled or certified sources; Outside box and corrugated cushions are 100% from certified or recycled sources and recyclable; At least 60% post-consumer recycled plastic; Bulk packaging available; External power supply 90% efficiency
Weight & dimensions	
Width	359 mm
Depth	251 mm
Height	24.9 mm
Weight *	1.9 kg
Packaging content	
AC adapter included *	✓
Keyboard included	✓
Other features	
UNSPSC-code	43211503
Memory module type	SODIMM



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