



HP ZBook Power G11 Data Science Intel Core Ultra 7 165H Mobile workstation 40.6 cm (16") Touchscreen WUXGA 64 GB DDR5-SDRAM 2 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Silver



Brand : HP

Product family: ZBook Power

Product code: A92WBUC#ABA

Product name : ZBook Power
G11 Data Science

- Windows 11 Pro
 - Intel Core Ultra 7 165H (24MB Cache)
 - 16" WUXGA 1920 x 1200 IPS Touch, NVIDIA RTX 2000 Ada (8GB GDDR6)
 - 64GB DDR5-SDRAM (2 x 32) & 2000GB SSD
- Intel Core Ultra 7 165H (24MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, 16" WUXGA 1920 x 1200 IPS Touch, Intel Arc Graphics, NVIDIA RTX 2000 Ada (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro

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Pro-certified power within reach

Upgrade to professional ZBook performance and security at an unbelievably affordable price. Power up your productivity on this durable yet premium device—delivering enhanced collaboration features and pro-grade components to run pro software apps for CAD, 3D conceiving, modeling, rendering and more.

Design		Graphics	
Product type *	Mobile workstation	Discrete graphics card memory	8 GB
Product colour *	Silver	Discrete graphics memory type	GDDR6
Form factor *	Clamshell	On-board graphics card *	✓
Market positioning	Performance	On-board GPU manufacturer	Intel
Display		Discrete graphics card *	✓
Display diagonal *	40.6 cm (16")	On-board graphics card family	Intel Arc Graphics
Display resolution *	1920 x 1200 pixels	On-board graphics card model *	Intel Arc Graphics
Touchscreen *	✓	Audio	
HD type	WUXGA	Number of built-in speakers	2
Panel type	IPS	Built-in microphone	✓
LED backlight	✓	Camera	
Native aspect ratio	16:10	Front camera	✓
Anti-glare screen	✓	Front camera resolution (numeric)	5 MP
Display brightness	300 cd/m ²	Infrared (IR) camera	✓
Display diagonal (metric)	40.6 cm	Network	
RGB colour space	sRGB	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	Antenna type	2x2
Processor family *	Intel Core Ultra 7	WLAN controller model	Intel Wi-Fi 6E AX211
Processor generation	Intel® Core™ Ultra (Series 1)	WLAN controller manufacturer	Intel
Processor model *	165H	Ethernet LAN	✓
Processor cores	16	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor threads	22	Bluetooth	✓
Processor boost frequency	5 GHz	Bluetooth version	5.3
Performance cores	6	Ports & interfaces	
Efficient cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Low Power Efficient-cores	2	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		

Processor		Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	HDMI ports quantity *	1
Performance-core base frequency	1.4 GHz	HDMI version	2.1
Efficient-core base frequency	0.9 GHz	Thunderbolt 4 ports quantity	2
Low Power Efficient-core Base Frequency	700 MHz	Intel® Thunderbolt 4	✓
Processor cache	24 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Processor socket	BGA 2049	Performance	
Processor base power	28 W	Motherboard chipset	Intel SoC
Maximum turbo power	115 W	Keyboard	
Neural processor unit (NPU)		Pointing device	Clickpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✓
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Island-style keyboard	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Spill-resistant keyboard	✓
Total processor performance up to	34 TOPs	Software	
NPU performance up to	11 TOPs	Operating system installed *	Windows 11 Pro
GPU performance up to	19 TOPs	Brand-specific features	
Memory		HP speaker type	HP Dual Speakers
Internal memory *	64 GB	HP Smart AC Adapter	✓
Internal memory type	DDR5-SDRAM	HP segment	Business
Memory form factor	SO-DIMM	Battery	
Memory layout (slots x size)	2 x 32 GB	Battery technology	Lithium Polymer (LiPo)
Memory slots	2x SO-DIMM	Number of battery cells	6
Maximum internal memory *	64 GB	Battery capacity *	83 Wh
Memory data transfer rate	5600 MT/s	Power	
Storage		AC adapter power	150 W
Total storage capacity *	2 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	2 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	2 TB	Cable lock slot type	Nano
Optical drive type *	✗	Fingerprint reader	✓
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	SD	Width	359.4 mm
Graphics		Depth	251 mm
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Height	22.9 mm
		Weight *	2.12 kg
		Packaging data	
		Package width	552 mm
		Package depth	69 mm
		Package height	345 mm



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