



HP ZBook Power G11 A AMD Ryzen™ 9 8945HS Mobile workstation 40.6 cm (16") WUXGA 64 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 1000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

Brand : HP

Product family: ZBook Power

Product code: AU9J5UC#ABA

Product name : ZBook Power
G11 A



- Windows 11 Pro
- AMD Ryzen 9 8945HS (4GHz)
- 16" WUXGA 1920 x 1200 IPS, NVIDIA RTX 1000 Ada (6GB GDDR6)
- 64GB DDR5-SDRAM (2 x 32) & 1000GB SSD

AMD Ryzen 9 8945HS (4GHz), 64GB DDR5-SDRAM, 1000GB SSD, 16" WUXGA 1920 x 1200 IPS, AMD Radeon 780M, NVIDIA RTX 1000 Ada (6GB GDDR6), LAN, Webcam, Windows 11 Pro

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Design		Audio	
Product type *	Mobile workstation	Number of built-in speakers	2
Product colour *	Silver	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	2
Market positioning	Performance	Camera	
Display		Front camera	✓
Display diagonal *	40.6 cm (16")	Front camera resolution (numeric)	5 MP
Display resolution *	1920 x 1200 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Network	
HD type	WUXGA	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	RZ616
Anti-glare screen	✓	WLAN controller manufacturer	MediaTek
Display brightness	400 cd/m²	Ethernet LAN	✓
Display diagonal (metric)	40.6 cm	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	sRGB	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.3
Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	AMD Ryzen™ 9	Ethernet LAN (RJ-45) ports	1
Processor generation	AMD Ryzen 8000 Series	HDMI ports quantity *	1
Processor model *	8945HS	HDMI version	2.1
Processor cores	8	Thunderbolt 4 ports quantity	2
Processor threads	16	Intel® Thunderbolt 4	✓
Processor boost frequency	5.2 GHz	Combo headphone/mic port	✓
Processor frequency *	4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	L2 & L3		
L3 cache	16 MB		
L2 cache	8 MB		

Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	AMD Ryzen AI	Pointing device	Clickpad
Total processor performance up to	39 TOPs	Numeric keypad *	✓
NPU performance up to	16 TOPs	Keyboard backlit	✓
Memory		Island-style keyboard	✓
Internal memory *	64 GB	Spill-resistant keyboard	✓
Internal memory type	DDR5-SDRAM	Software	
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Pro
Memory layout (slots x size)	2 x 32 GB	Brand-specific features	
Memory slots	2x SO-DIMM	HP speaker type	HP Dual Speakers
Maximum internal memory *	64 GB	HP Connection Optimizer	✓
Memory data transfer rate	5600 MT/s	HP Support Assistant	✓
Storage		HP Smart AC Adapter	✓
Total storage capacity *	1 TB	HP segment	Business
Storage media *	SSD	Battery	
Total SSDs capacity	1 TB	Battery technology	Lithium Polymer (LiPo)
Number of SSDs installed	1	Number of battery cells	6
SSD capacity	1 TB	Battery capacity *	83 Wh
SSD memory type	TLC	Power	
SSD interface	PCI Express 4.0	AC adapter power	150 W
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 graphics card model *	NVIDIA RTX 1000 Ada	Sustainability	
Discrete graphics card memory	6 GB	Sustainability certificates	ENERGY STAR
Discrete graphics memory type	GDDR6	Weight & dimensions	
On-board graphics card *	✓	Width	359.4 mm
On-board GPU manufacturer	AMD	Depth	251 mm
Discrete graphics card *	✓	Height	22.9 mm
On-board graphics card family	AMD Radeon	Weight *	2.04 kg
On-board graphics card model *	AMD Radeon 780M	Packaging data	
		Package width	552 mm
		Package depth	69 mm
		Package height	345 mm



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