



HP ZBook Power G11 A AMD Ryzen™ 9 8945HS Mobile workstation 40.6 cm (16") WQXGA 64 GB DDR5-SDRAM 2 TB SSD NVIDIA RTX 3000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

Brand : HP

Product family: ZBook Power

Product code: B30B8ES

Product name : ZBook Power
G11 A



- Windows 11 Pro
 - AMD Ryzen 9 8945HS (4GHz)
 - 16" WQXGA 2560 x 1600 IPS, NVIDIA RTX 3000 Ada (8GB GDDR6)
 - 64GB DDR5-SDRAM (2 x 32) & 2000GB SSD
- AMD Ryzen 9 8945HS (4GHz), 64GB DDR5-SDRAM, 2000GB SSD, 16" WQXGA 2560 x 1600 IPS, AMD Radeon 780M, NVIDIA RTX 3000 Ada (8GB GDDR6), LAN, Webcam, Windows 11 Pro

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Design		Graphics	
Product type *	Mobile workstation	On-board graphics card model *	AMD Radeon 780M
Product colour *	Silver	Audio	
Form factor *	Clamshell	Number of built-in speakers	2
Market positioning	Performance	Built-in microphone	✓
Display		Number of microphones	2
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	2560 x 1600 pixels	Front camera	✓
Touchscreen *	✗	Front camera resolution (numeric)	5 MP
HD type	WQXGA	Infrared (IR) camera	✓
Panel type	IPS	Network	
LED backlight	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Mobile network connection *	✗
Anti-glare screen	✓	Antenna type	2x2
Display brightness	400 cd/m²	WLAN controller model	RZ616
Display diagonal (metric)	40.6 cm	WLAN controller manufacturer	MediaTek
RGB colour space	sRGB	Ethernet LAN	✓
Colour gamut	100%	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	AMD	Ports & interfaces	
Processor family *	AMD Ryzen™ 9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	AMD Ryzen 8000 Series	Ethernet LAN (RJ-45) ports	1
Processor model *	8945HS	HDMI ports quantity *	1
Processor cores	8	HDMI version	2.1
Processor threads	16	Thunderbolt 4 ports quantity	2
Processor boost frequency	5.2 GHz	Intel® Thunderbolt 4	✓
Processor frequency *	4 GHz	Combo headphone/mic port	✓
Processor cache type	L2 & L3	USB Type-C DisplayPort Alternate Mode	✓
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 *	2 TB	HP segment	Business
Storage media *	SSD	Battery	
Total SSDs capacity	2 TB	Battery technology	Lithium Polymer (LiPo)
Number of SSDs installed	1	Number of battery cells	6
SSD capacity	2 TB	Battery capacity *	83 Wh
SSD interface	PCI Express 4.0	Power	
SSD form factor	M.2	AC adapter power	150 W
Optical drive type *	✗	USB Type-C charging port *	✓
Card reader integrated	✓	USB Power Delivery (USB PD)	✓
Compatible memory cards	SD	Security	
Graphics		Cable lock slot	✓
Discrete graphics card model *	NVIDIA RTX 3000 Ada	Cable lock slot type	Nano
Discrete graphics card memory	8 GB	Fingerprint reader	✓
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
		Packaging data	
		Package width	552 mm
		Package depth	69 mm
		Package height	345 mm



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