



HP ZBook Power 15.6 G10 A AMD Ryzen™ 7 PRO 7840HS Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



Brand : HP

Product family: ZBook Power

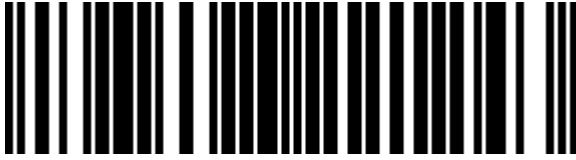
Product code: 866G8EA#ABH

Product name : 15.6 G10 A

HP ZBook Power 15.6 G10 A. Product type: Mobile workstation, Form factor: Clamshell. Processor family: AMD Ryzen™ 7 PRO, Processor model: 7840HS, Processor frequency: 3.8 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey

Design		Network	
Product type *	Mobile workstation	Wi-Fi	✓
Product colour *	Grey	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Performance	Mobile network connection *	✗
Introduction year	2023	Antenna type	2x2
Original brand name	HP	WLAN controller model	RZ616
Display		WLAN controller manufacturer	MediaTek
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,1000,100 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.3
Panel type	IPS	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:9	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	400 cd/m ²	HDMI version	2.1
Display diagonal (metric)	39.6 cm	Thunderbolt 4 ports quantity	1
RGB colour space	sRGB	Combo headphone/mic port	✓
Colour gamut	100%	USB Type-C DisplayPort Alternate Mode	✓
Processor		Keyboard	
Processor manufacturer *	AMD	Keyboard special features	Morsbestendig
Processor family *	AMD Ryzen™ 7 PRO	Pointing device	Clickpad
Processor generation	AMD Ryzen PRO 7000 Series	Numeric keypad *	✓
Processor model *	7840HS	Keyboard backlit	✓
Processor cores	8	Spill-resistant keyboard	✓
Processor threads	16	Full-size keyboard	✓
Processor boost frequency	5.1 GHz	Keyboard layout	QWERTY
Processor frequency *	3.8 GHz	Input device model	HP Premium Keyboard
Processor cache	16 MB	Software	
Processor cache type	L3	Operating system installed *	Windows 11 Pro
Memory			
Internal memory *	32 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz		

Memory		Brand-specific features	
Memory form factor	SO-DIMM	HP JumpStart	✓
Memory layout (slots x size)	1 x 32 GB	HP speaker type	HP Dual Speakers
Memory slots	2x SO-DIMM	HP Connection Optimizer	✓
Maximum internal memory *	64 GB	HP Support Assistant	✓
Memory channels	Dual-channel	HP front camera	HP Webcam
ECC	✗	HP segment	Business
Non-ECC	✓	Battery	
Storage		Battery technology	Lithium Polymer (LiPo)
Total storage capacity *	1 TB	Number of battery cells	6
Storage media *	SSD	Battery capacity *	83 Wh
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 memory type	TLC	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express	DC-in jack	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
Optical drive type *	✗	Cable lock slot	✓
Graphics		Fingerprint reader	✓
Discrete GPU manufacturer	NVIDIA	Smart card reader	✓
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	Trusted Platform Module (TPM) version	2.0
Discrete graphics memory type	GDDR6	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, Power on, User
On-board GPU manufacturer	AMD	Certificates	
Discrete graphics card *	✓	Low halogen	✓
On-board graphics card family	AMD Radeon Graphics	Sustainability	
On-board graphics card model *	AMD Radeon Graphics	Sustainability compliance	✓
Number of discrete graphics cards	1	Sustainability certificates	TCO
Audio		Weight & dimensions	
Built-in speaker(s)	✓	Width	359.4 mm
Number of built-in speakers	2	Depth	233.9 mm
Built-in microphone	✓	Height	22.9 mm
Number of microphones	2	Weight *	2.01 kg
Camera		Packaging data	
Front camera	✓	Package width	552 mm
Front camera resolution (numeric)	5 MP	Package depth	69 mm
Infrared (IR) camera	✓	Package height	345 mm
		Packaging content	
		Keyboard included	✓
		Other features	
		Number of speakers	2



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