



**HP ZBook Power 15.6 inch G10 A AMD Ryzen™ 9 PRO 7940HS  
Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1  
TB SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 11 Pro  
Grey**



**Brand :** HP

**Product family:** ZBook Power

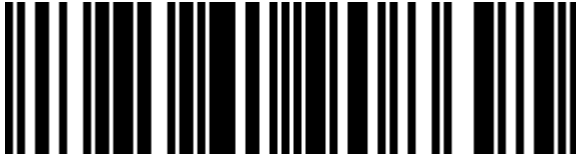
**Product code:** 98Q17ET#ABH

**Product name :** 15.6 inch G10 A

HP ZBook Power 15.6 inch G10 A. Product type: Mobile workstation, Form factor: Clamshell. Processor family: AMD Ryzen™ 9 PRO, Processor model: 7940HS, Processor frequency: 4 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	2024	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	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.3
Panel type	IPS	Ports & interfaces	
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	400 cd/m <sup>2</sup>	HDMI version	2.1
Display diagonal (metric)	39.6 cm	Thunderbolt 4 ports quantity	1
RGB colour space	sRGB	Intel® Thunderbolt 4	✓
Colour gamut	100%	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 9 PRO	Keyboard special features	Morsbestendig
Processor generation	AMD Ryzen PRO 7000 Series	Pointing device	Clickpad
Processor model *	7940HS	Numeric keypad *	✓
Processor cores	8	Keyboard backlight	✓
Processor threads	16	Spill-resistant keyboard	✓
Processor boost frequency	5.2 GHz	Full-size keyboard	✓
Processor frequency *	4 GHz	Keyboard layout	QWERTY
Processor cache	16 MB	Input device model	HP Premium Keyboard
Processor cache type	L3	Software	
Memory		Trial software	HP Wolf Pro Security Edition
Internal memory *	32 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	1 x 32 GB		

<b>Memory</b>		<b>Brand-specific features</b>	
Memory slots	2x SO-DIMM	HP JumpStart	✓
Maximum internal memory *	64 GB	HP speaker type	HP Dual Speakers
Memory channels	Dual-channel	HP Connection Optimizer	✓
ECC	✗	HP Support Assistant	✓
Non-ECC	✓	HP front camera	HP Webcam 5MP
<b>Storage</b>		HP segment	Business
Total storage capacity *	1 TB	<b>Battery</b>	
Storage media *	SSD	Battery technology	Lithium Polymer (LiPo)
Total SSDs capacity	1 TB	Number of battery cells	6
Number of SSDs installed	1	Battery capacity *	83 Wh
SSD capacity	1 TB	Fast charging	✓
SSD memory type	TLC	Fast charging time (50%)	30 min
SSD interface	PCI Express	<b>Power</b>	
NVMe	✓	AC adapter power	150 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
<b>Graphics</b>		USB Type-C charging port *	✓
Discrete GPU manufacturer	NVIDIA	USB Power Delivery (USB PD)	✓
Discrete graphics card model *	NVIDIA RTX A1000	<b>Security</b>	
Discrete graphics card memory	6 GB	Cable lock slot	✓
Discrete graphics memory type	GDDR6	Fingerprint reader	✓
On-board graphics card *	✓	Smart card reader	✓
On-board GPU manufacturer	AMD	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Trusted Platform Module (TPM) version	2.0
On-board graphics card family	AMD Radeon Graphics	Password protection	✓
On-board graphics card model *	AMD Radeon Graphics	Password protection type	BIOS, Power on, User
Number of discrete graphics cards	1	<b>Sustainability</b>	
<b>Audio</b>		Sustainability compliance	✓
Built-in speaker(s)	✓	Sustainability certificates	TCO
Number of built-in speakers	2	<b>Weight &amp; dimensions</b>	
Built-in microphone	✓	Width	359.4 mm
Number of microphones	2	Depth	233.9 mm
<b>Camera</b>		Height	22.9 mm
Front camera	✓	Weight *	2 kg
Front camera resolution (numeric)	5 MP	<b>Packaging data</b>	
Front camera HD type	HD	Package width	552 mm
Infrared (IR) camera	✓	Package depth	69 mm
		Package height	345 mm
		<b>Packaging content</b>	
		Keyboard included	✓
		<b>Other features</b>	
		Number of speakers	2



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