



# HP ZBook Studio G10 Intel® Core™ i9 i9-13900H Mobile workstation 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



**Brand :** HP

**Product family:** ZBook Studio

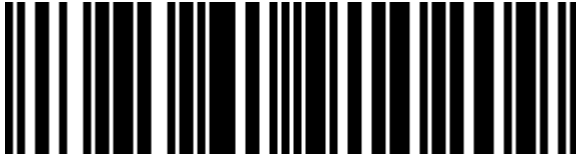
**Product code:** 98J73ET#ABH

**Product name :** G10

HP ZBook Studio G10. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900H, Processor frequency: 2.6 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 3840 x 2400 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey

Design		Audio	
Product type *	Mobile workstation	Number of microphones	2
Product colour *	Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Performance	Front camera HD type	HD
Introduction year	2023	Infrared (IR) camera	✓
Original brand name	HP	Network	
Display		Wi-Fi	✓
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	3840 x 2400 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WQXGA	Antenna type	2x2
Panel type	IPS	WLAN controller model	Intel Wi-Fi 6E AX211
Native aspect ratio	16:10	WLAN controller manufacturer	Intel
Anti-glare screen	✓	Bluetooth	✓
Display bezel technology	Micro-Edge	Bluetooth version	5.3
Display brightness	500 cd/m <sup>2</sup>	Ports & interfaces	
Display diagonal (metric)	40.6 cm	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
RGB colour space	DCI-P3	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Colour gamut	100%	Thunderbolt 4 ports quantity	2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i9	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	13th gen Intel® Core™ i9	USB Sleep-and-Charge	✓
Processor model *	i9-13900H	USB Sleep-and-Charge ports	2
Processor cores	14	Keyboard	
Processor threads	20	Keyboard special features	Morsbestendig
Processor boost frequency	5.4 GHz	Pointing device	Clickpad
Processor frequency *	2.6 GHz	Numeric keypad *	✗
Performance cores	6	Keyboard backlit	✓
Efficient cores	8	Spill-resistant keyboard	✓
Performance-core Max Turbo Frequency	5.4 GHz		
Efficient-core Max Turbo Frequency	4.1 GHz		
Processor cache	24 MB		
Processor cache type	L3		

<b>Processor</b>		<b>Keyboard</b>	
Processor base power	45 W	Full-size keyboard	✓
Maximum turbo power	115 W	Keyboard layout	QWERTY
<b>Memory</b>		<b>Software</b>	
Internal memory *	32 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM	<b>Brand-specific features</b>	
Memory clock speed	5600 MHz	HP speaker type	HP Quad Speakers
Memory layout (slots x size)	2 x 16 GB	HP Connection Optimizer	✓
Memory slots	2x SO-DIMM	HP Support Assistant	✓
Maximum internal memory *	64 GB	HP front camera	HP Webcam HD IR
Memory channels	Dual-channel	HP segment	Business
ECC	✗	<b>Battery</b>	
Non-ECC	✓	Battery technology	Lithium Polymer (LiPo)
<b>Storage</b>		Number of battery cells	6
Total storage capacity *	2 TB	Battery capacity *	86 Wh
Storage media *	SSD	Fast charging	✓
Total SSDs capacity	2 TB	Fast charging time (50%)	30 min
Number of SSDs installed	1	<b>Power</b>	
SSD capacity	2 TB	AC adapter power	200 W
SSD memory type	TLC	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	DC-in jack	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Card reader integrated	✓	<b>Security</b>	
Compatible memory cards	MicroSD (TransFlash)	Cable lock slot	✓
<b>Graphics</b>		Fingerprint reader	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Trusted Platform Module (TPM) version	2.0
Discrete graphics card memory	12 GB	Password protection	✓
Discrete graphics memory type	GDDR6X	Password protection type	BIOS, Power on, User
On-board graphics card *	✓	<b>Certificates</b>	
On-board GPU manufacturer	Intel	Low halogen	✓
Discrete graphics card *	✓	<b>Sustainability</b>	
On-board graphics card family	Intel Iris Xe Graphics	Sustainability compliance	✓
On-board graphics card model *	Intel Iris Xe Graphics	Sustainability certificates	TCO
Number of discrete graphics cards	1	<b>Weight &amp; dimensions</b>	
<b>Audio</b>		Width	356 mm
Audio system	B&O PLAY	Depth	242 mm
Built-in speaker(s)	✓	Height	19 mm
Number of built-in speakers	4	Weight *	1.73 kg
Speakers manufacturer	Bang & Olufsen	<b>Packaging data</b>	
Built-in microphone	✓	Package width	552 mm
		Package depth	69 mm
		Package height	345 mm
		<b>Packaging content</b>	
		Keyboard included	✓
		<b>Other features</b>	
		Number of speakers	4



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