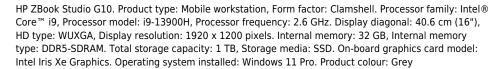


HP ZBook Studio G10 Intel® Core™ i9 i9-13900H Mobile workstation 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : HP **Product family:** ZBook Studio **Product code:** 98J75ET#ABH

Product name: G10







Design		Camera	
Product type * Product colour * Form factor *	Mobile workstation Grey Clamshell	Front camera Front camera HD type Infrared (IR) camera	✓ HD ✓
Market positioning	Performance	Network	
Introduction year Original brand name	2023 HP	Wi-Fi	✓
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal * 40.6 cm (16") Display resolution * 1920 x 1200 pixels Touchscreen * X HD type WUXGA Panel type IPS Native aspect ratio 16:10	1920 x 1200 pixels X WUXGA IPS	Wi-Fi standards Mobile network connection * Antenna type WLAN controller model WLAN controller manufacturer Bluetooth Bluetooth version	Wi-Fi 6E (802.11ax) x 2x2 Intel Wi-Fi 6E AX211 Intel • 5.3
Anti-glare screen Display bezel technology	Micro-Edge	Ports & interfaces	
Display bezer technology Display brightness Display diagonal (metric) RGB colour space Colour gamut	400 cd/m ² 40.6 cm sRGB 100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Thunderbolt 4 ports quantity	1 1 2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer * Processor family * Processor generation Processor model * Processor cores	Intel Intel® Core™ i9 13th gen Intel® Core™ i9 i9-13900H	Combo headphone/mic port USB Type-C DisplayPort Alternate Mode USB Sleep-and-Charge USB Sleep-and-Charge ports	✓ ✓ ✓ 2
Processor threads	20	Keyboard	
Processor boost frequency Processor frequency * Performance cores Efficient cores Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency		Keyboard special features Pointing device Numeric keypad * Keyboard backlit Spill-resistant keyboard Full-size keyboard	Morsbestendig Clickpad X
Processor cache Processor cache type	24 MB L3	Keyboard layout	QWERTY

Maximum turbo power Memory Memory #P speaker type #P Quad Speakers #P Quad Spea	Processor		Software	
Internal memory ' 32 GB HP Speaker type HP Quad Speakers HP Connection Optimizer /	Processor base power	45 W	Operating system installed *	Windows 11 Pro
Memory	Maximum turbo power	115 W	Brand-specific features	
Internal memory " Internal memory type DDRS-SDRAM Memory Jose Speed Memory Jose Jose Speed Memory Jose Jose Speed Memory Jose Jose Jose Jose Jose Jose Jose Jose	Memory			HP Quad Speakers
Internal memory type DDR5-SDADAM HP Support Assistant /** Memory Jayout (slofs x size) 2 x 16 GB HP Smart AC Adapter /** Memory slots 2 x 50-DIMM HP segment Business Memory cloth 64 GB HP segment Business Memory channels Dual-channel Battery Lithium Polymer (LIPo) ECC V Number of battery cells 6 Storage TB Battery capacity 86 Wh Storage capacity 1 TB Fast charging time (50%) 30 min Storage media SSD Power V Total Storage capacity 1 TB AC adapter frequency 20 0 W Number of SSDs installed 1 AC adapter frequency 50 -60 Hz SSD memory type TLC AC adapter frequency 50 -60 Hz SSD memory type TLC AC adapter input voltage 20 0 W SSD interface PCI Express 4.0 USB Power Delivery (USB PD) V Optical drive type X Security X <t< td=""><td>Internal memory *</td><td>32 GB</td><td>, ,,</td><td></td></t<>	Internal memory *	32 GB	, ,,	
Memory clock speed 5600 MHz HP Smart AC Adapter HP Webcam HD IR Business Memory sjots 2 x 16 G8 HP front camera HP Webcam HD IR Business Memory sjots 2 x 16 G8 HP segment Business Mazimum internal memory 64 GB Battery Lithium Polymer (LIPo) ECC X Number of battery (cells 6 6 ECC Non-ECC Battery technology Lithium Polymer (LIPo) Storage Total Storage capacity 1 TB 86 Wh Storage media 550 Total Storage media 30 min Total Storage media 1 TB AC adapter power 200 W Storage media 1 TB AC adapter power 200 W Storage media 1 TB AC adapter power 200 W SSD Interface TLC AC adapter prequery 50 - 60 Hz SSD Interface TLC AC adapter input voltage 100 - 240 V SSD Interface PCI Express 4.0 DC-in jack V VOPLical drive type X Security Ac adapter frequency	Internal memory type	DDR5-SDRAM	· ·	
Memory Javout (slots x size) 2 x 16 GB HP front camera HP Webcam HD IR Business Memory Joso 2 x 50 DIMM HP segment Business Memory channels Dual-channel Battery ECC X Battery technology Lithium Polymer (LiPo) Kon-ECC X Number of battery cells 6 Storage	Memory clock speed	5600 MHz	• •	
Memory olots 2x 50-DIMM Abaximum internal memory ** 64 GB Battery ECC X Battery technology Lithium Polymer (LIPo) Non-ECC X Number of battery cells 6 Storage - Battery capacity ** 86 Wh Total storage capacity ** 1 TB Fast charging 6 Total SSDs capacity 1 TB Power 30 min Number of SSDs Installed 1 AC adapter power 200 W SSD capacity 1 TB AC adapter frequency 50 - 60 Hz SSD memory type TLC AC adapter frequency 50 - 60 Hz SSD memory type TLC AC adapter frequency 50 - 60 Hz SSD memory type TLC AC adapter input voltage 100 - 240 V SSD memory type TLC AC adapter input voltage 100 - 240 V SSD memory type TLC AC adapter input voltage 100 - 240 V SSD rate (interface) MicroSD (TransFlash) Tursted Platform Module (TPM) Y Discrete (applies and memory type 8 GB Password pro	Memory layout (slots x size)	2 x 16 GB	'	
Maximum internal memory backgrown and backgrown internal memory backgrown and backgrow	Memory slots			
Battery technology Lithium Polymer (LIPo) Non-ECC Non-EC	•			
Non-ECC Storage Storage Total storage capacity* 1 TB Power AC adapter power AC adapter power 5 SD 0-00 Hz SSD capacity 1 TB AC adapter power 5 SD 0-00 Hz SSD memory type TLC AC adapter input voltage SSD installed 1 AC adapter input voltage 100 - 240 V SSD interface PCI Express 4.0 PCI Ex			•	Lithium Dolymor (LiDo)
Sistange Total storage capacity* 1 TB Fast charging time (50%) 30 min Storage media* SSD Total Storage media* SSD Total SSDs capacity 1 TB Number of SSDs installed 1 AC adapter power AC adapter frequency SSD interface PCI Express 4.0 PCI Express			·	
Storage Fast charging V Total storage capacity* 1 TB Fast charging time (50%) 30 min Storage medie* SSD Total SSDs capacity 1 TB Power Number of SSDs installed 1 Ac adapter power 200 W SSD capacity 1 TB Ac adapter input voltage 100 - 240 V SSD memory type TC AC adapter input voltage 100 - 240 V SSD interface PCI Express 4.0 DC-in jack V NVME V USB Power Delivery (USB PD) V Card reader integrated V Cable lock slot V Card reader integrated V Cable lock slot V Card reader integrated V Security V Card reader integrated V Security V Card reader integrated V Security V Discrete graphics and memory cards MicroSD (TransFlash) Fingerprint reader V Discrete graphics and memory NVIDIA GeForce RTX 4070 Password protection V <td>Non-ECC</td> <td>✓</td> <td>•</td> <td></td>	Non-ECC	✓	•	
Total storage capacity * SSD Storage media * SSD Power Total SSDs capacity 1TB	Storage			
Storage media* SSD Notal SSDs capacity Number of SSDs installed 1	Total storage capacity *	1 TB	5 5	30 min
India SSDs capacity I TB AC adapter power AC adapter frequency SSD capacity I TB AC adapter frequency SSD memory type TLC AC adapter input voltage DC-in jack Y NVMe PCI Express 4.0 Optical drive type X Card reader integrated Compatible memory cards MicroSD (TransFlash) Discrete graphics card model NVIDIA Trusted Platform Module (TPM) Version Discrete graphics card memory B GB CDBR6 Password protection type BIOS, Power on, User On-board graphics card model Y On-board graphics card model V On-board graphics card model Number of discrete graphics card B&O PLAY Width Sustainability certificates TCO Audio Weight & dimensions Weight & dimensions AC adapter input voltage 100 - 240 V 50 - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage 100 - 240 V SO - 60 Hz AC adapter input voltage PO - 60 HT AC adapter input voltage PO - 60 HT AC adopter input voltage PO - 60 HT AC adopter input voltage PO - 60 HT AC adole Cts tot PO - 60 HT AC adole Cts tot PO - 60 HT AC adole Cts tot PO - 60 HT AC adole C	Storage media *			
SSD capacity 1 TB AC adapter frequency 50 - 60 Hz SSD memory type TLC AC adapter input voltage 100 - 240 V	Total SSDs capacity			200 W
SSD memory type TLC			• •	
SSD interface PCI Express 4.0 DC-in jack				
NVMe				✓
Card reader integrated Compatible memory cards MicroSD (TransFlash) Fingerprint reader Trusted Platform Module (TPM) Fingerprint reader Fingersion Fingerprint reader Fingersion Finge	NVMe			✓
Card reader integrated Compatible memory cards MicroSD (TransFlash) Fingerprint reader Finusted Platform Module (TPM) Finusted Platform Module Textson Finusted Platform Module Textson Finusted Platform Module Textson Finusted Platform Module Platform Module Textson Finusted Platform Module Textson Finusted Platform Module Textson Finusted Platform Module P	Optical drive type *	x	Security	
Compatible memory cards MicroSD (TransFlash) Fingerprint reader / Graphics Trusted Platform Module (TPM) / Discrete GPU manufacturer NVIDIA Trusted Platform Module (TPM) 2.0 Discrete graphics card model * NVIDIA GeForce RTX 4070 Y Discrete graphics card momory 8 GB Password protection / Discrete graphics memory type GDDR6 Password protection type BIOS, Power on, User On-board graphics card * / Certificates On-board graphics card family Intel Low halogen / On-board graphics card family Intel Iris Xe Graphics Sustainability TCO Number of discrete graphics card Intel Iris Xe Graphics Sustainability compliance / Number of discrete graphics card Intel Iris Xe Graphics Sustainability certificates TCO Audio Weight & dimensions TCO Audio Weight & dimensions Weight & dimensions Audio system B&O PLAY Width 356 mm Built-in speaker(s) / Depth 242 mm Number of built-in speakers 4 Height 19 mm Speakers manufacturer Bang & Olufsen Weight and the protection type of minimal protection type of minim	Card reader integrated	✓	•	1
Graphics Trusted Platform Module (TPM) ✓ Discrete GPU manufacturer NVIDIA MVIDIA GEForce RTX 4070 Trusted Platform Module (TPM) version 2.0 Discrete graphics card medot * NVIDIA GEForce RTX 4070 Yersion ✓ Discrete graphics card memory type GDDR6 Password protection type BIOS, Power on, User On-board graphics card * ✓ Certificates On-board graphics card * ✓ Sustainability On-board graphics card family Intel Iris Xe Graphics Sustainability compliance ✓ On-board graphics card model * Intel Iris Xe Graphics Sustainability compliance ✓ Number of discrete graphics cards 1 Sustainability compliance ✓ Number of discrete graphics cards 1 Weight & dimensions Audio Weight & dimensions Audio system B&O PLAY Widh 356 mm Number of built-in speaker(s) ✓ Depth 242 mm Number of built-in speakers 4 Height 19 mm Speakers manufacturer Bang & Olufsen Weight * 1.73 kg Built-in microphone ✓	Compatible memory cards	MicroSD (TransFlash)		
Discrete GPU manufacturer Discrete graphics card model * Discrete graphics card model * Discrete graphics card momory 8 GB Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card * V On-board graphics card * On-board	Graphics			
Discrete graphics card model * NVIDIA GeForce RTX 4070 version 2.0 Discrete graphics card memory 8 6B Password protection	•	NVIDIA		
Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card and the line line line line line line line lin	Discrete graphics card model *			2.0
On-board graphics card *	Discrete graphics card memory	8 GB	Password protection	✓
On-board GPU manufacturer Discrete graphics card * ✓ On-board graphics card family On-board graphics card model * Number of discrete graphics cards Addio Audio system Built-in speaker(s) Number of built-in speakers Bang & Olufsen Bang & Olufsen Built-in microphones ✓ Packaging data Number of microphones Audio system Built-in microphones ✓ Package height Package height Packaging content Keyboard included ✓ Other features ✓ On-board graphics card * ✓ Audio system Intel lris Xe Graphics Sustainability Sustainability compliance ✓ Con-duct ✓ C	Discrete graphics memory type	GDDR6	Password protection type	BIOS, Power on, User
Discrete graphics card * On-board graphics card family On-board graphics card family On-board graphics card model * Intel Iris Xe Graphics On-board graphics card model * Intel Iris Xe Graphics Sustainability On-board graphics card model * Intel Iris Xe Graphics Sustainability certificates TCO Audio Weight & dimensions Audio system B&O PLAY Width 356 mm Built-in speaker(s) Veight \(\) Depth 242 mm Number of built-in speakers Height 19 mm Speakers manufacturer Bang & Olufsen Weight * 1.73 kg Built-in microphone Veight Number of microphones Packaging data Number of microphones Package depth Package depth Package depth Package depth Package depth Packaging content Keyboard included Veight Cother features		✓	Certificates	
On-board graphics card family On-board graphics card model * Intel Iris Xe Graphics Number of discrete graphics cards 1 Sustainability compliance Number of discrete graphics cards 1 Sustainability certificates TCO Audio Audio Audio Weight & dimensions Audio system B&O PLAY Width 356 mm Built-in speaker(s) Veight * 19 mm Speakers manufacturer Bang & Olufsen Built-in microphone Veight * 1.73 kg Built-in microphones Packaging data Number of microphones 2 Package width Package depth Package depth Package height Audio system Packaging content Keyboard included V Other features			Low halogen	✓
On-board graphics card model * Number of discrete graphics cards Intel Iris Xe Graphics Sustainability compliance ✓ Audio Weight & dimensions ✓ Audio system B&O PLAY Width 356 mm Built-in speaker(s) ✓ Depth 242 mm Number of built-in speakers 4 Height 19 mm Speakers manufacturer Bang & Olufsen Weight * 1.73 kg Built-in microphone ✓ Packaging data V Number of microphones 2 Package width 552 mm Package depth 69 mm 345 mm Packaging content Keyboard included ✓ Chter features			Sustainability	
Number of discrete graphics cards 1 Sustainability certificates TCO Audio Audio System B&O PLAY Width 356 mm Built-in speaker(s) Pepth 242 mm Number of built-in speakers 4 Height 19 mm Speakers manufacturer Bang & Olufsen Weight * 1.73 kg Built-in microphone Packaging data Number of microphones 2 Package width 552 mm Package depth 69 mm Package depth 69 mm Package height 345 mm Packaging content Keyboard included Other features		'	Sustainability compliance	✓
Audio system B&O PLAY Width 356 mm Built-in speaker(s) V Depth 4 Height 19 mm 1.73 kg Built-in microphone Built-in microphone V Packaging data Number of microphones 2 Package width Package depth Package height 345 mm Packaging content Keyboard included V Other features	Number of discrete graphics cards	1	Sustainability certificates	TCO
Built-in speaker(s) V Depth 242 mm Number of built-in speakers 4 Height 19 mm Speakers manufacturer Bang & Olufsen Weight * 1.73 kg Built-in microphone V Packaging data Number of microphones 2 Package width Package depth Package height Package height Packaging content Keyboard included ✓ Other features	Audio		Weight & dimensions	
Built-in speaker(s) V Depth 242 mm Number of built-in speakers 4 Height 19 mm Speakers manufacturer Bang & Olufsen Built-in microphone V Packaging data Number of microphones 2 Package width Package depth Package height Package height Add to the features Packaging content Keyboard included ✓ Other features	Audio system	B&O PLAY	Width	356 mm
Number of built-in speakers Speakers manufacturer Bang & Olufsen Weight * 1.73 kg 1.73 kg Packaging data Number of microphones Package width Package depth Package height Package height Packaging content Keyboard included Other features	Built-in speaker(s)	✓	Depth	242 mm
Built-in microphone ✓ Packaging data Number of microphones 2 Package width 552 mm Package depth 69 mm Package height 345 mm Packaging content Keyboard included ✓ Other features	Number of built-in speakers	4	Height	19 mm
Number of microphones 2 Package width 552 mm Package depth 69 mm Package height 345 mm Packaging content Keyboard included ✓ Other features	Speakers manufacturer	Bang & Olufsen	Weight *	1.73 kg
Package depth 69 mm Package height 345 mm Packaging content Keyboard included Other features	Built-in microphone	✓	Packaging data	
Package height 345 mm Packaging content Keyboard included Other features	Number of microphones	2	Package width	552 mm
Packaging content Keyboard included Other features				69 mm
Keyboard included ✓ Other features			Package height	345 mm
Other features			Packaging content	
			Keyboard included	✓
Number of speakers 4			Other features	
			Number of speakers	4





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