



HP ZBook Studio 16 G10 Intel® Core™ i7 i7-13700H Mobile workstation 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



Brand : HP **Product family:** ZBook Studio **Product code:** 98J78ET#ABH

Product name : 16 G10

- Intel® Core™ i7-13700H (up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads)
 - Windows 11 Pro
 - 40.6 cm (16") diagonal WUXGA display
 - NVIDIA RTX™ A1000 Laptop GPU (6 GB GDDR6 dedicated)
 - 16 GB memory; 512 GB SSD storage
- ZBook Studio 16 inch G10 Mobile Workstation PC Wolf Pro Security Edition, 16", Windows 11 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD, NVIDIA® RTX™ A1000, WUXGA

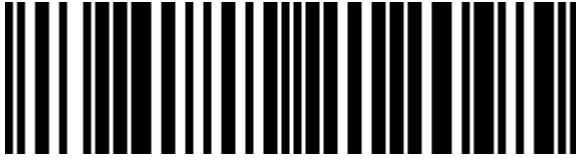
[HP ZBook Studio 16 G10 Intel® Core™ i7 i7-13700H Mobile workstation 40.6 cm \(16"\) WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX A1000 Wi-Fi 6E \(802.11ax\) Windows 11 Pro Grey:](#)

Powerfully immersive. Perfectly sized
Be ready when inspiration strikes. Packed with professional performance in an incredibly sleek PC that comfortably fits in your bag, the ZBook Studio is engineered to get you in the zone and help you stay focused. Now you can build complex assemblies, render in real time or visualize data—from anywhere.

Design		Network	
Product type *	Mobile workstation	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product colour *	Grey	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Performance	WLAN controller model	Intel Wi-Fi 6E AX211
Introduction year	2023	WLAN controller manufacturer	Intel
Original brand name	HP	Bluetooth	✓
Display		Bluetooth version	5.3
Display diagonal *	40.6 cm (16")	Miracast	✓
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
HD type	WUXGA	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Panel type	IPS	Thunderbolt 4 ports quantity	2
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:10	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	USB Sleep-and-Charge	✓
Display bezel technology	Micro-Edge	USB Sleep-and-Charge ports	2
Display brightness	400 cd/m ²	Keyboard	
Display diagonal (metric)	40.6 cm	Keyboard special features	Morsbestendig
RGB colour space	sRGB	Pointing device	Clickpad
Colour gamut	100%	Numeric keypad *	✗
Processor		Keyboard backlight	✓
Processor manufacturer *	Intel	Spill-resistant keyboard	✓
Processor family *	Intel® Core™ i7	Full-size keyboard	✓
Processor generation	13th gen Intel® Core™ i7	Keyboard layout	QWERTY
Processor model *	i7-13700H	Input device model	HP Premium Quiet Keyboard
Processor cores	14		
Processor threads	20		
Processor boost frequency	5 GHz		
Processor frequency *	2.4 GHz		
Performance cores	6		
Efficient cores	8		
Performance-core Max Turbo Frequency	5 GHz		

Processor		Software	
Efficient-core Max Turbo Frequency	3.7 GHz		
Processor cache	24 MB		
Processor cache type	L3		
Processor base power	45 W		
Maximum turbo power	115 W		
Memory		Pre-installed software	Bing search for IE11; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Memory channels	Dual-channel		
Non-ECC	✓		
Storage		Trial software	HP Wolf Pro Security Edition
Total storage capacity *	512 GB	Operating system installed *	Windows 11 Pro
Storage media *	SSD	Bundled software	HP Wolf Pro Security Edition (1 year)
Total SSDs capacity	512 GB	Brand-specific features	
Number of SSDs installed	1	HP speaker type	HP Quad Speakers
SSD capacity	512 GB	HP Connection Optimizer	✓
SSD interface	PCI Express	HP Support Assistant	✓
NVMe	✓	HP front camera	HP Webcam HD IR
Optical drive type *	✗		Absolute persistence module; HP Credential Manager; HP Power On Authentication; Master Boot Record security; Pre-boot authentication; Windows Defender; HP
Card reader integrated	✓	HP Security tools	Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Client Security Manager Gen7; Trusted Platform Module TPM 2.0; HP Privacy Key
Compatible memory cards	MicroSD (TransFlash)		HP Power Manager
Graphics		HP Management tools	HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; HP Connection Optimizer; myHP; HP Privacy Settings; HP Easy Clean; HP PC Hardware Diagnostics; HP Z Light Space; HP Camera & Super Resolution Software; HP Presence
Discrete GPU manufacturer	NVIDIA		
Discrete graphics card model *	NVIDIA RTX A1000		
Discrete graphics card memory	6 GB		
Discrete graphics memory type	GDDR6		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓	HP Software provided	
On-board graphics card family	Intel Iris Xe Graphics		
On-board graphics card model *	Intel Iris Xe Graphics		
Number of discrete graphics cards	1		
Audio		HP segment	Business
Audio system	B&O PLAY		(AB9) 198828332585; (ABH) 198122212095; (ABU) 198828332592; (ACQ) 198828032263; (B10) 198828032256; (BH5) 198828032270; (UUG) 198122212194; (UUZ) 198122212187
Built-in speaker(s)	✓	HP GTIN (EAN/UPC) with options	
Number of built-in speakers	4		
Speakers manufacturer	Bang & Olufsen		
Built-in microphone	✓		
Number of microphones	2	HP GTIN (EAN/UPC)	198828332592
Camera		Battery	
Front camera	✓	Battery technology	Lithium Polymer (LiPo)
Front camera HD type	HD	Number of battery cells	6
Infrared (IR) camera	✓	Battery capacity *	86 Wh
Network		Fast charging	✓
Wi-Fi	✓	Fast charging time (50%)	30 min
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Power	
		AC adapter power	200 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		DC-in jack	✓
		USB Power Delivery (USB PD)	✓

Security	
Cable lock slot	✓
Cable lock slot type	Nano
Fingerprint reader	✓
Trusted Platform Module (TPM)	✓
Trusted Platform Module (TPM) version	2.0
Password protection	✓
Password protection type	BIOS, Power on, User
Certificates	
Low halogen	✓
Sustainability	
Sustainability compliance	✓
Sustainability certificates	ENERGY STAR, TCO
Sustainable technologies and materials	Low Halogen
Weight & dimensions	
Width	356 mm
Depth	242 mm
Height	19 mm
Weight *	1.73 kg
Packaging data	
Package width	552 mm
Package depth	69 mm
Package height	345 mm
Packaging content	
Keyboard included	✓
Technical details	
General Product Safety Regulation (GPSR) URL	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true
Other features	
Number of speakers	4



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