



HP ZBook Studio G11 Intel Core Ultra 9 185H Mobile workstation 40.6 cm (16") Touchscreen WQUXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA RTX 3000 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Silver

Brand : HP

Product family: ZBook Studio

Product code: 5F9H7ES

Product name : G11

- Windows 11 Pro

- Intel Core Ultra 9 185H (24MB Cache)

- 40.6 cm (16") WQUXGA 3840 x 2400 IPS Touch, NVIDIA RTX 3000 Ada (8GB GDDR6)

- 32GB (5600MHz) DDR5-SDRAM & 2000GB SSD

Intel Core Ultra 9 185H (24MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") WQUXGA 3840 x 2400 IPS Touch, Intel Arc Graphics, NVIDIA RTX 3000 Ada (8GB GDDR6), WLAN, Webcam, Windows 11 Pro



[HP ZBook Studio G11 Intel Core Ultra 9 185H Mobile workstation 40.6 cm \(16"\) Touchscreen WQUXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA RTX 3000 Ada Wi-Fi 7 \(802.11be\) Windows 11 Pro Silver:](#)

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		Graphics	
Product type *	Mobile workstation	Discrete graphics card memory	8 GB
Product colour *	Silver	Discrete graphics memory type	GDDR6
Form factor *	Clamshell	On-board graphics card *	✓
Market positioning	Performance	On-board GPU manufacturer	Intel
Introduction year	2024	Discrete graphics card *	✓
Original brand name	HP	On-board graphics card family	Intel Arc Graphics
Display		On-board graphics card model *	Intel Arc Graphics
Display diagonal *	40.6 cm (16")	Audio	
Display resolution *	3840 x 2400 pixels	Number of built-in speakers	2
Touchscreen *	✓	Built-in microphone	✓
HD type	WQUXGA	Number of microphones	2
Panel type	IPS	Camera	
LED backlight	✓	Front camera	✓
Display surface	Gloss	Front camera HD type	HD
Anti-glare screen	✓	Infrared (IR) camera	✓
Display bezel technology	Micro-Edge	Network	
Display brightness	500 cd/m ²	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display diagonal (metric)	40.6 cm	Wi-Fi standards	Wi-Fi 7 (802.11be)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Processor		WLAN controller model	Intel Wi-Fi 7 BE200
Processor manufacturer *	Intel	WLAN controller manufacturer	Intel
Processor family *	Intel Core Ultra 9	Bluetooth	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Bluetooth version	5.4
Processor model *	185H	Ports & interfaces	
Processor threads	22	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor boost frequency	5.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Performance cores	6	Thunderbolt 4 ports quantity	2
Efficient cores	8	Intel® Thunderbolt 4	✓
Low Power Efficient-cores	2	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.1 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		

Processor		Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance-core base frequency	2.3 GHz	USB Sleep-and-Charge	✓
Efficient-core base frequency	1.8 GHz	USB Sleep-and-Charge ports	2
Low Power Efficient-core Base Frequency	1000 MHz	Keyboard	
Processor cache	24 MB	Keyboard special features	Spill-resistant
Processor cache type	Smart Cache	Pointing device	Clickpad
Processor base power	45 W	Numeric keypad *	✗
Maximum turbo power	115 W	Spill-resistant keyboard	✓
Neural processor unit (NPU)		Input device model	HP Premium Quiet Keyboard
Neural processor unit (NPU)	Intel AI Boost	Software	
Maximum frequency NPU	1.4 GHz	Operating system installed *	Windows 11 Pro
Sparsity support	✓	Brand-specific features	
Windows Studio effects support	✓	HP speaker type	HP Dual Speakers
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	HP segment	Business
Memory		Battery	
Internal memory *	32 GB	Battery technology	Lithium Polymer (LiPo)
Internal memory type	DDR5-SDRAM	Number of battery cells	6
Memory clock speed	5600 MHz	Battery capacity *	86 Wh
Memory form factor	SO-DIMM	Fast charging	✓
Memory slots	2x SO-DIMM	Fast charging time (50%)	30 min
Memory channels	Dual-channel	Power	
Storage		AC adapter power	150 W
Total storage capacity *	2 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	2 TB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	2 TB	Fingerprint reader	✓
SSD memory type	TLC	Password protection	✓
SSD interface	PCI Express	Sustainability	
NVMe	✓	Sustainability certificates	TCO
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Width	356 mm
Graphics		Depth	242 mm
Discrete GPU manufacturer	NVIDIA	Height	19 mm
Discrete graphics card model *	NVIDIA RTX 3000 Ada	Weight *	1.73 kg
		Packaging data	
		Package width	552 mm
		Package depth	69 mm
		Package height	345 mm



0198701665083



198701665083

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 12-APR-2026. Prints or copies of Information are only valid on the printed Publication date