



## HP ZBook Studio 15.6 G8 Intel® Core™ i7 i7-11800H Mobile workstation 39,6 cm (15.6") 4K Ultra HD 32 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3070 Wi-Fi 6 (802.11ax) Windows 10 Pro Grey



Brand : HP

Product family: ZBook Studio

Product code: 314G7EA

Product name : 15.6 G8

- Intel® Core™ i7-11800H (up to 4.6 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 8 cores)
  - Windows 10 Pro
  - 39.6 cm (15.6") diagonal 4K UHD display with HP DreamColor
  - NVIDIA® GeForce RTX™ 3070 (8 GB GDDR6 dedicated)
  - 32 GB memory; 1 TB SSD storage
- ZBook Studio 15.6 G8 Mobile Workstation, 15.6", Windows 10 Pro, Intel® Core™ i7, 32GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 3070, 4K UHD

HP ZBook Studio 15.6 G8 Intel® Core™ i7 i7-11800H Mobile workstation 39,6 cm (15.6") 4K Ultra HD 32 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3070 Wi-Fi 6 (802.11ax) Windows 10 Pro Grey:

### Power to free the creative mind

From keyboard to screen, every aspect of our ZBook Studio is designed for performance workflows. Render or visualize in real time, collaborate remotely, and even game from anywhere. With all this power engineered into such a small package, finally, there's one device for everything you do.

Design		Camera	
Product type *	Mobile workstation	Front camera	✓
Product colour *	Grey	Front camera signal format	720p
Form factor *	Clamshell	Front camera HD type	HD
Market positioning	Performance	Infrared (IR) camera	✓
Intel® vPro™ Platform Eligibility	✗	Network	
Country of origin	China	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display diagonal *	39,6 cm (15.6")	Mobile network connection *	✗
Display resolution *	3840 x 2160 pixels	Antenna type	2x2
Touchscreen *	✗	WLAN controller model	Intel Wi-Fi 6 AX201
HD type	4K Ultra HD	WLAN controller manufacturer	Intel
Panel type	UWVA	Ethernet LAN	✗
Display technology marketing name	UWVA	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.0
Native aspect ratio	16:9	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display brightness	600 cd/m²	HDMI ports quantity *	1
Display diagonal (metric)	39,6 cm	HDMI version	2.1
RGB colour space	DCI-P3	Mini DisplayPorts quantity	1
Colour gamut	100%	Thunderbolt 4 ports quantity	2
Maximum refresh rate	120 Hz	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	USB Sleep-and-Charge	✓
Processor family *	Intel® Core™ i7	USB Sleep-and-Charge ports	2
Processor generation	11th gen Intel® Core™ i7	Performance	
Processor model *	i7-11800H	Motherboard chipset	Intel WM590
Processor cores	8	Keyboard	
Processor threads	16	Pointing device	Clickpad
Processor boost frequency	4,6 GHz	Numeric keypad *	✗
Processor cache	24 MB		
Processor cache type	L3		

Memory		Keyboard	
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	DDR4-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	3200 MHz	Full-size keyboard	✓
Memory form factor	On-board	Software	
Memory layout (slots x size)	1 x 32 GB	Operating system architecture	64-bit
Memory slots	1x SO-DIMM	Operating system language	Slovak
Maximum internal memory *	32 GB	Operating system installed *	Windows 10 Pro
ECC	✗	Brand-specific features	
Storage		HP speaker type	HP Dual Speakers
Total storage capacity *	1 TB	HP Connection Optimizer	✓
Storage media *	SSD	HP Smart AC Adapter	✓
Total SSDs capacity	1 TB	HP front camera	HP Webcam HD IR
Number of SSDs installed	1	HP segment	Business
Solid-state drive capacity	1 TB	Battery	
Solid-state drive interface	PCI Express, NVMe	Battery technology	Lithium Polymer (LiPo)
NVMe	✓	Number of battery cells	6
SSD form factor	M.2	Battery capacity *	83 Wh
Optical drive type *	✗	Fast charging	✓
Card reader integrated	✓	Fast charging time (50%)	30 min
Compatible memory cards	SD, SDHC, SDXC	Power	
Graphics		AC adapter power	200 W
Discrete GPU manufacturer	NVIDIA	DC-in jack	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3070	USB Power Delivery	✓
Discrete graphics card memory	8 GB	Security	
Discrete graphics memory type	GDDR6	Cable lock slot	✓
On-board graphics card *	✓	Fingerprint reader	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Certificates	
On-board graphics card model *	Intel® UHD Graphics	Low halogen	✓
Audio		Sustainability	
Audio system	Bang & Olufsen	Sustainability certificates	Bioland
Number of built-in speakers	4	Weight & dimensions	
Built-in microphone	✓	Width	354 mm
Number of microphones	2	Depth	234,6 mm
		Height	17,9 mm
		Weight *	1,79 kg
		Logistics data	
		Harmonized System (HS) code	84713000



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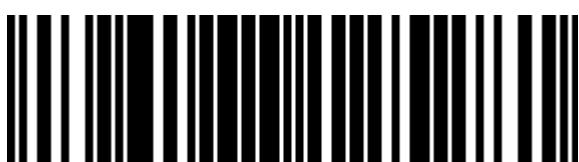
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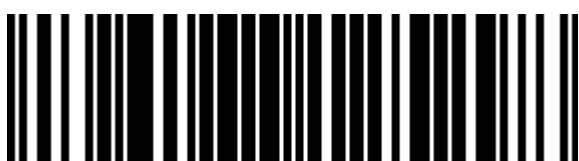
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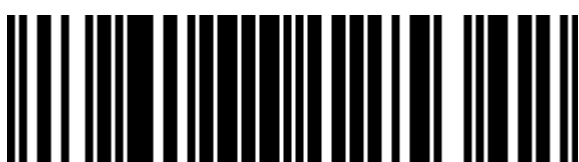
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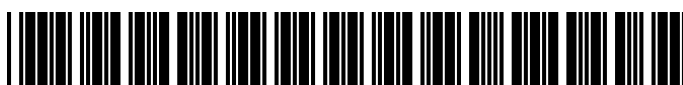
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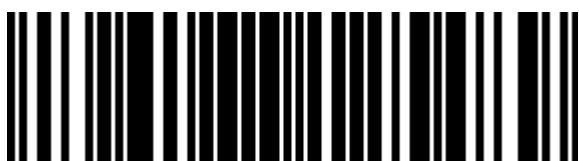
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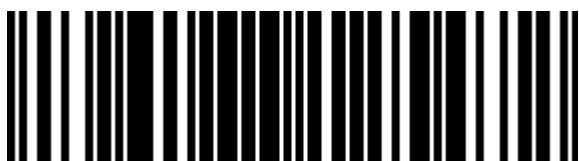
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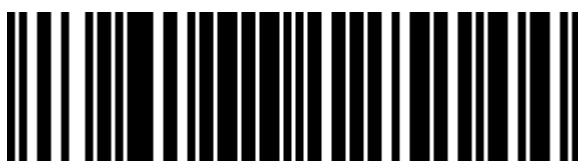
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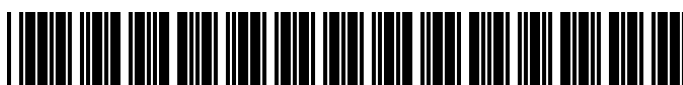
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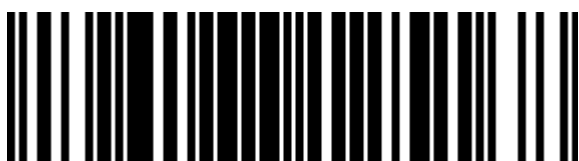
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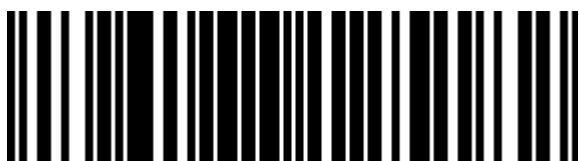
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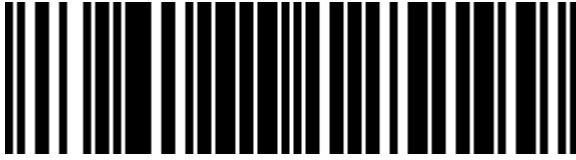
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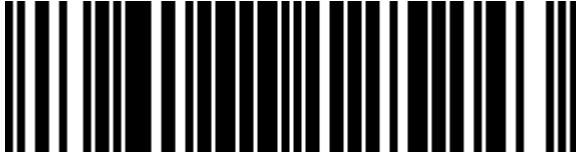
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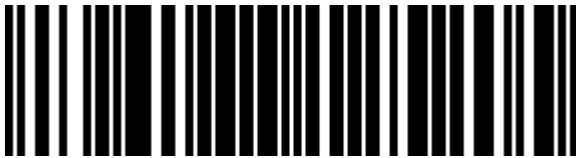
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