



HP ZBook Power G9 Intel® Core™ i7 i7-12700H Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A2000 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



Brand : HP

Product family: ZBook Power

Product code: 6B8B3EA

Product name : G9

- Intel® Core™ i7-12700H (up to 4.7 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads)
 - Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade)
 - 39.6 cm (15.6") diagonal FHD display
 - NVIDIA RTX™ A2000 Laptop GPU (8 GB GDDR6 dedicated)
 - 32 GB memory; 1 TB SSD storage
- ZBook Power 15.6 inch G9 Mobile Workstation PC Wolf Pro Security Edition, 15.6", Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade), Intel® Core™ i7, 32GB RAM, 1TB SSD, NVIDIA® RTX™ A2000, FHD

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Pro-certified power within reach

Upgrade to professional ZBook performance and security at an unbelievably affordable price. Power up your productivity on this durable yet premium device—delivering enhanced collaboration features and pro-grade components to seamlessly run leading professional software applications.

Design		Network	
Product type *	Mobile workstation	Ethernet LAN	✓
Product colour *	Grey	Bluetooth	✓
Form factor *	Clamshell	Bluetooth version	5.3
Market positioning	Performance	Ports & interfaces	
Introduction year	2022	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Country of origin	China	HDMI ports quantity *	1
Display		HDMI version	2.0
Display diagonal *	39.6 cm (15.6")	Combo headphone/mic port	✓
Display resolution *	1920 x 1080 pixels	Charging port type	USB Type-C
Touchscreen *	✗	USB Type-C DisplayPort Alternate Mode	✓
HD type	Full HD	USB Power Delivery	✓
Panel type	IPS	USB Sleep-and-Charge	✓
Anti-glare screen	✓	USB Sleep-and-Charge ports	1
Display bezel technology	Micro-Edge	Keyboard	
Display brightness	400 cd/m ²	Keyboard special features	Spill-resistant
Display diagonal (metric)	39.6 cm	Pointing device	Touchpad
RGB colour space	NTSC	Numeric keypad *	✓
Colour gamut	72%	Spill-resistant keyboard	✓
Processor		Full-size keyboard	✓
Processor manufacturer *	Intel	Input device model	HP Premium Collaboration Keyboard
Processor family *	Intel® Core™ i7		
Processor generation	12th gen Intel® Core™ i7		
Processor model *	i7-12700H		
Processor cores	14		
Processor threads	20		
Processor boost frequency	4.7 GHz		
Processor cache	24 MB		
Processor cache type	L3		
Configurable TDP-down	35 W		
Memory			
Internal memory *	32 GB		
Internal memory type	DDR5-SDRAM		

Memory		Software	
Memory clock speed	4800 MHz	Pre-installed software	Bing search for IE11; Buy Office; HP Hotkey Support; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application; HP Auto Lock and Awake
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 16 GB		
Memory slots	2x SO-DIMM		
Number of free internal memory expansion slots	2		
Memory channels	Dual-channel		
Storage		Operating system installed *	Windows 11 Pro
Total storage capacity *	1 TB	Bundled software	HP Wolf Pro Security Edition (1 year)
Storage media *	SSD	Processor special features	
Total SSDs capacity	1 TB	Intel Flex Memory Access	✓
Number of SSDs installed	1	Intel Trusted Execution Technology	✓
SSD capacity	1 TB	Intel VT-x with Extended Page Tables (EPT)	✓
SSD memory type	TLC	Execute Disable Bit	✓
SSD interface	PCI Express, NVMe	CPU configuration (max)	1
NVMe	✓	Embedded options available	✗
SSD form factor	M.2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Graphics		Brand-specific features	
Discrete GPU manufacturer	NVIDIA	HP JumpStart	✓
Discrete graphics card model *	NVIDIA RTX A2000	HP speaker type	HP Dual Speakers
Discrete graphics card memory	8 GB	HP Support Assistant	✓
Discrete graphics memory type	GDDR6	Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core	
On-board graphics card *	✓	HP Management tools	
On-board GPU manufacturer	Intel	HP Management tools	HP Power Manager
Discrete graphics card *	✓	HP segment	Business
On-board graphics card family	Intel Iris Xe Graphics	HP GTIN (EAN/UPC)	196548943722
On-board graphics card model *	Intel Iris Xe Graphics	Battery	
Number of discrete graphics cards	1	Battery technology	Lithium Polymer (LiPo)
Audio		Number of battery cells	6
Built-in speaker(s)	✓	Battery capacity *	83 Wh
Number of built-in speakers	2	Power	
Built-in microphone	✓	AC adapter power	150 W
Number of microphones	2	Security	
Camera		Cable lock slot	✓
Front camera	✓	Fingerprint reader	✓
Front camera signal format	720p	Smart card reader	✓
Front camera HD type	HD	Trusted Platform Module (TPM)	✓
Infrared (IR) camera	✓	Trusted Platform Module (TPM) version	2.0
Network		Password protection	✓
Wi-Fi	✓	Password protection type	BIOS, Power on, User
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Antenna type	2x2		
WLAN controller model	Intel Wi-Fi 6E AX211		
WLAN controller manufacturer	Intel		

Sustainability	
Sustainability compliance	✓
Sustainability certificates	TCO
Sustainable technologies and materials	Low Halogen; 40% post-consumer recycled plastic; Bulk packaging available; External power supply 90% efficiency; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure(s)
Weight & dimensions	
Width	359.4 mm
Depth	233.9 mm
Height	22.8 mm
Weight *	1.93 kg
Packaging data	
Package width	552 mm
Package depth	69 mm
Package height	345 mm
Packaging content	
Keyboard included	✓
Logistics data	
Harmonized System (HS) code	8471300000
Other features	
Number of speakers	2



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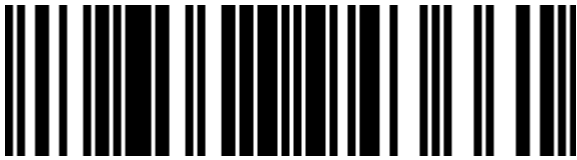
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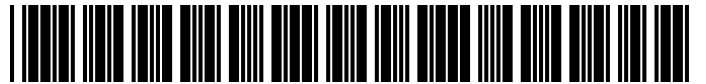
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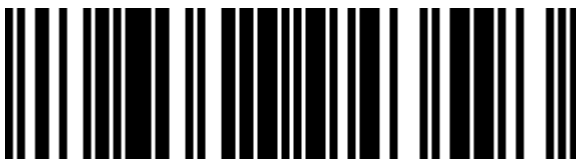
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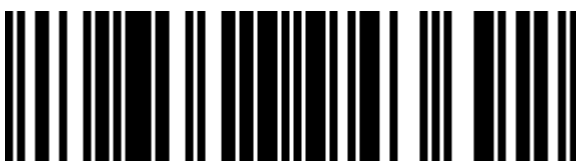
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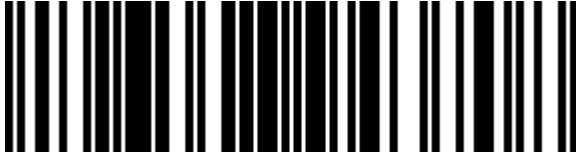
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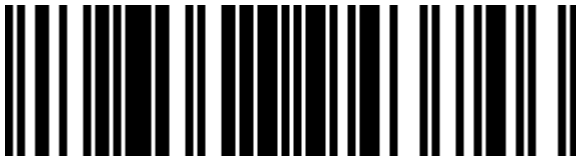
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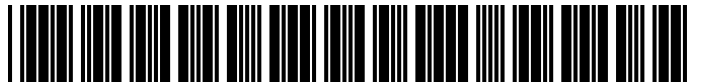
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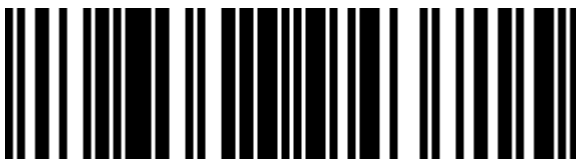
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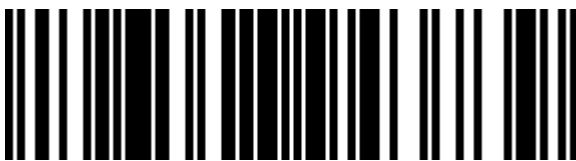
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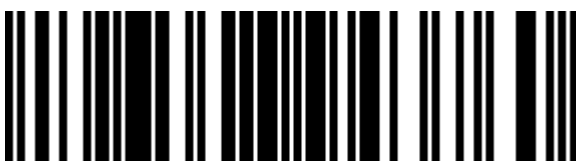
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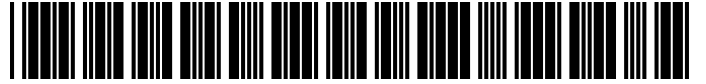
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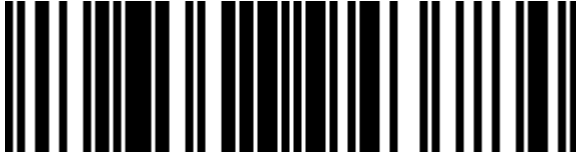
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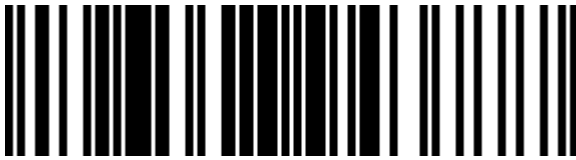
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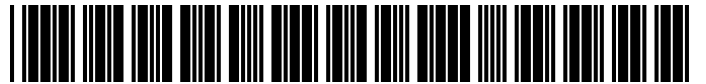
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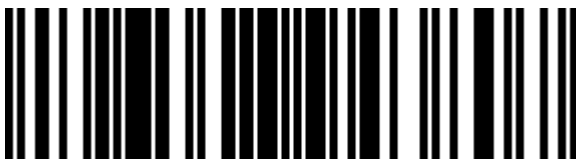
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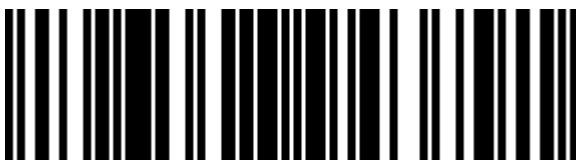
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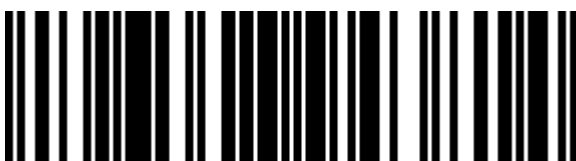
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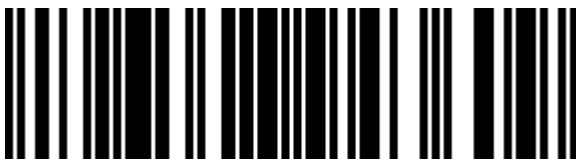
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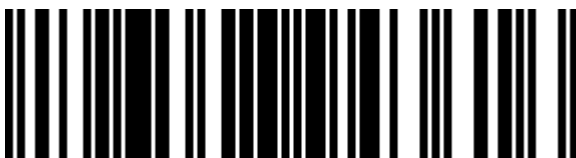
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