



HP ZBook Power 15.6 G9 Mobile workstation 39.6 cm (15.6") 4K Ultra HD Intel® Core™ i9 i9-12900H 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



Brand : HP **Product family:** ZBook Power **Product code:** 6B8E2EA

Product name : 15.6 G9

- Intel® Core™ i9-12900H (up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads)
- Windows 11 Pro
- 39.6 cm (15.6") diagonal 4K UHD display
- NVIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated)
- 32 GB memory; 1 TB SSD storage

ZBook Power 15.6 inch G9 Mobile Workstation PC Wolf Pro Security Edition - Data Science, 15.6", Windows 11 Pro, Intel® Core™ i9, 32GB RAM, 1TB SSD, NVIDIA® RTX™ A1000, 4K UHD

HP ZBook Power 15.6 G9 Mobile workstation 39.6 cm (15.6") 4K Ultra HD Intel® Core™ i9 i9-12900H 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey:



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		Ports & interfaces	
Product type *	Mobile workstation	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Product colour *	Grey	USB 3.2 Gen 2x2 Type-C ports quantity	1
Form factor *	Clamshell	Combo headphone/mic port	✓
Market positioning	Performance	Charging port type	USB Type-C
Introduction year	2022	USB Type-C DisplayPort Alternate Mode	✓
Country of origin	China	USB Power Delivery	✓
Display		USB Sleep-and-Charge	✓
Display diagonal *	39.6 cm (15.6")	USB Sleep-and-Charge ports	1
Display resolution *	3840 x 2160 pixels	Keyboard	
Touchscreen *	✗	Keyboard special features	Spill-resistant
HD type	4K Ultra HD	Pointing device	Clickpad
Panel type	IPS	Numeric keypad *	✓
Native aspect ratio	16:9	Keyboard backlit	✓
Anti-glare screen	✓	Spill-resistant keyboard	✓
Display brightness	400 cd/m ²	Full-size keyboard	✓
Display diagonal (metric)	39.6 cm	Input device model	HP Premium Collaboration Keyboard
RGB colour space	NTSC	Software	
Colour gamut	72%	Pre-installed software	
Processor		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	
Processor manufacturer *	Intel	Wolf Pro SecurityEdition - Data Science	
Processor generation	12th gen Intel® Core™ i9	Operating system installed *	
Processor family *	Intel® Core™ i9	Windows 11 Pro	
Processor model *	i9-12900H	Bundled software	
Processor boost frequency	5 GHz	HP Wolf Pro Security Edition (1 year)	
Processor threads	20		
Processor cores	14		
Processor cache	24 MB		
Processor cache type	L3		
Configurable TDP-down	35 W		
Memory			
Internal memory *	32 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		

Memory		Processor special features	
Memory form factor	SO-DIMM	Intel Flex Memory Access	✓
Memory layout (slots x size)	2 x 16 GB	Intel Trusted Execution Technology	✓
Memory slots	2x SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Number of free internal memory expansion slots	2	Intel Stable Image Platform Program (SIPP)	✓
Memory channels	Dual-channel	Execute Disable Bit	✓
Storage		CPU configuration (max)	1
Total storage capacity *	1 TB	Embedded options available	✗
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total SSDs capacity	1 TB	Intel Virtualization Technology (VT-x)	✓
Number of SSDs installed	1	Brand-specific features	
SSD capacity	1 TB	HP JumpStart	✓
SSD memory type	TLC	HP speaker type	HP Dual Speakers
SSD interface	PCI Express, NVMe	HP Connection Optimizer	✓
NVMe	✓	HP Support Assistant	✓
SSD form factor	M.2	HP Smart AC Adapter	✓
Optical drive type *	✗	HP front camera	HP Webcam
Graphics		HP Security tools	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
Discrete GPU manufacturer	NVIDIA	HP Management tools	HP Power Manager
Discrete graphics card model *	NVIDIA RTX A1000	HP Software provided	HP Hotkey Support; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; 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; HP Auto Lock and Awake
On-board graphics card *	✓	HP segment	Business
On-board GPU manufacturer	Intel	HP GTIN (EAN/UPC)	196786511103
Discrete graphics card *	✓	Battery	
On-board graphics card family	Intel Iris Xe Graphics	Battery technology	Lithium Polymer (LiPo)
On-board graphics card model *	Intel Iris Xe Graphics	Number of battery cells	6
Discrete graphics card memory	4 GB	Battery capacity *	83 Wh
Discrete graphics memory type	GDDR6	Power	
Number of discrete graphics cards	1	AC adapter power	150 W
Audio		Security	
Built-in speaker(s)	✓	Cable lock slot	✓
Number of built-in speakers	2	Fingerprint reader	✓
Built-in microphone	✓	Smart card reader	✓
Number of microphones	2	Trusted Platform Module (TPM)	✓
Camera		Trusted Platform Module (TPM) version	2.0
Front camera	✓	Password protection	✓
Front camera signal format	720p	Password protection type	BIOS, Power on, User
Front camera HD type	HD		
Infrared (IR) camera	✓		
Network			
Wi-Fi	✓		
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		
Bluetooth	✓		
Bluetooth version	5.3		

Certificates	
Low halogen	✓
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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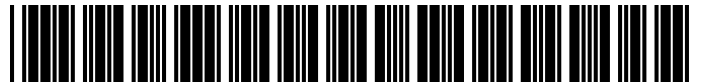
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