

HP ZBook Power 15.6 G9 Intel® Core[™] i7 i7-12700H Mobile workstation 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T600 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : HP

Product family: ZBook Power Product of

Product code: 69Q53EA

Product name: 15.6 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® Quadro® T600 (4 GB GDDR6 dedicated)
- 16 GB memory; 512 GB SSD storage

ZBook Power 15.6 inch G9 Mobile Workstation PC, 15.6", Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade), Intel® Core™ i7, 16GB RAM, 512GB SSD, NVIDIA® Quadro® T600, FHD

HP ZBook Power 15.6 G9 Intel® Core™ i7 i7-12700H Mobile workstation 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T600 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		Network	
Product type * Product colour * Form factor * Market positioning	Mobile workstation Grey Clamshell Performance	Ethernet LAN data rates Bluetooth Bluetooth version	10,100,1000 Mbit/s ✓ 5.3
	renormance	Ports & interfaces	
Display diagonal * Display resolution * Touchscreen * HD type Panel type Native aspect ratio Anti-glare screen Display bezel technology Display brightness Display diagonal (metric) RGB colour space Colour gamut	39.6 cm (15.6") 1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Combo headphone/mic port Charging port type USB Type-C DisplayPort Alternate Mode USB Power Delivery USB Sleep-and-Charge USB Sleep-and-Charge ports Performance	3 1 1 2.0 ✓ USB Type-C ✓ ✓ 1
Processor		Repairability index	9.1
Processor manufacturer * Processor family * Processor generation Processor model * Processor cores Processor threads Processor boost frequency Processor frequency * Processor cache Processor cache type Configurable TDP-down	Intel Intel® Core™ i7 12th gen Intel® Core™ i7 i7-12700H 14 20 4.7 GHz 2.3 GHz 24 MB L3 35 W	Keyboard Keyboard special features Pointing device Numeric keypad * Keyboard backlit Spill-resistant keyboard Full-size keyboard Input device model	Étanche Clickpad ✓ ✓ ✓ Clavier HP Premium Pro
Memory			
Internal memory * Internal memory type Memory clock speed	16 GB DDR5-SDRAM 4800 MHz		

Memory		Software	
Memory form factor Memory layout (slots x size) Memory slots Maximum internal memory * Number of free internal memory expansion slots Memory channels	SO-DIMM 1 x 16 GB 2x SO-DIMM 64 GB 1 Dual-channel	Hotkey Supp Advisor; HP Remote Gra Support Ass Native Mirac Pre-installed software Pre-installed software Recovery; H	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
Storage			Clean; HP PC Hardware Diagnostics;
Total storage capacity * Storage media * Total SSDs capacity	512 GB SSD 512 GB		HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application; HP Auto Lock and Awake Windows 11 Pro
Number of SSDs installed	1		
SSD capacity	512 GB	Processor special features	
SSD memory type SSD interface	TLC PCI Express, NVMe	Intel Flex Memory Access Intel Trusted Execution Technology	
NVMe		Intel VT-x with Extended Page	•
Optical drive type *	×	Tables (EPT)	4
Graphics		Execute Disable Bit	1
Discrete GPU manufacturer	NVIDIA	CPU configuration (max)	1
Discrete graphics card model *	NVIDIA NVIDIA T600	Embedded options available	×
Discrete graphics card memory	4 GB	Intel Virtualization Technology for Directed I/O (VT-d)	4
Discrete graphics memory type	GDDR6	Intel Virtualization Technology (VT-	4
On-board graphics card *	4	x)	
On-board GPU manufacturer	Intel	Brand-specific features	
Discrete graphics card * On-board graphics card family	✓ Intel Iris Xe Graphics	HP JumpStart	4
On-board graphics card model *	Intel Iris Xe Graphics	HP Support Assistant	✓ Absolute persistence module; HP
Number of discrete graphics cards	1		Device Access Manager; HP Power
Audio			On Authentication; HP Security Manager; Integrated smart card
Built-in speaker(s) Number of built-in speakers Built-in microphone Number of microphones	✓ 2 ✓ 2	reader securit HP Sur HP Security tools Integra	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
Camera			Gen3; HP BIOSphere Gen6; HP Sure
Front camera Front camera signal format Front camera HD type Infrared (IR) camera	✓ 720p HD		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
Network		HP Management tools HP segment	HP Power Manager Business
Wi-Fi	1	HP GTIN (EAN/UPC)	196548621064
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Battery	
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Battery technology	Lithium Polymer (LiPo)
Mobile network connection *	×	Number of battery cells	6
Antenna type	2x2	Battery capacity *	83 Wh
WLAN controller model WLAN controller manufacturer	Intel Wi-Fi 6E AX211 Intel	Power	
Ethernet LAN		AC adapter power	150 W
		Security	
		Cable lock slot	1
		Fingerprint reader Trusted Platform Module (TPM) Trusted Platform Module (TPM) version	✓✓2.0
		Password protection Password protection type	✓ BIOS, Power on, User
		Sustainability	.,,

Sustainability compliance

Sustainability certificates

✓ тсо

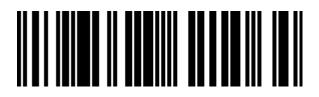
Sustainability				
Sustainable technologies and materials	Low Halogen; 40% post-consumer recycled plastic; Bulk packaging available; External power supply 90% efficiency; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably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



















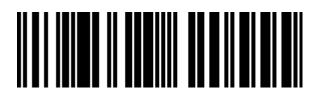




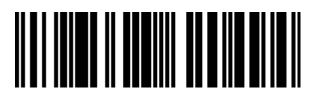














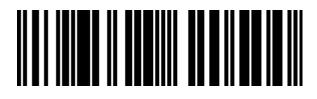


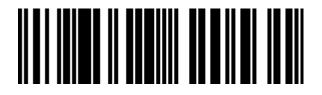


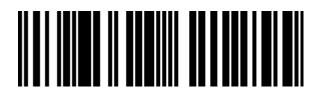










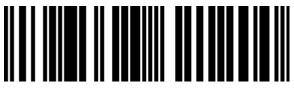








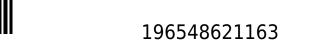




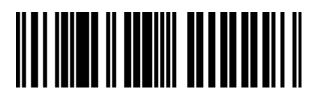




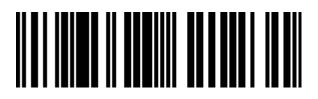




























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