



# HP ZBook Firefly 14 G9 Intel® Core™ i7 i7-1265U Mobile workstation 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T550 Wi-Fi 6E (802.11ax) Windows 11 Pro Silver



Brand : HP

Product family: ZBook Firefly

Product code: 69Q68EA

Product name : 14 G9

- Intel® Core™ i7-1265U (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)
  - Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade)
  - 35.6 cm (14") diagonal WUXGA display
  - NVIDIA® T550 Laptop GPU (4 GB GDDR6 dedicated)
  - 16 GB memory; 512 GB SSD storage
- ZBook Firefly 14 inch G9 Mobile Workstation PC, 14", Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade), Intel® Core™ i7, 16GB RAM, 512GB SSD, T550, WUXGA

HP ZBook Firefly 14 G9 Intel® Core™ i7 i7-1265U Mobile workstation 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T550 Wi-Fi 6E (802.11ax) Windows 11 Pro Silver:

Step up performance. Not size.

Pro-level performance combines with true mobility in this amazingly sleek and powerful laptop. Stay productive wherever you're working with integrated or discrete graphics and processor, AI-enhancing webcam and audio, and a stunning display—everything you need to collaborate and manage projects anywhere.



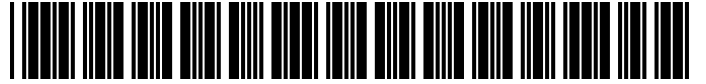
Design		Network	
Product type *	Mobile workstation	Bluetooth version	5.2
Product colour *	Silver	<b>Ports &amp; interfaces</b>	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Market positioning	Performance	HDMI ports quantity *	1
<b>Display</b>		HDMI version	2.0b
Display diagonal *	35.6 cm (14")	Thunderbolt 4 ports quantity	2
Display resolution *	1920 x 1200 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	Charging port type	USB Type-C
HD type	WUXGA	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS	USB Power Delivery	✓
Native aspect ratio	16:10	USB Sleep-and-Charge	✓
Anti-glare screen	✓	USB Sleep-and-Charge ports	2
Display bezel technology	Micro-Edge	<b>Performance</b>	
Display brightness	250 cd/m <sup>2</sup>	Motherboard chipset	Intel SoC
Display diagonal (metric)	35.6 cm	<b>Keyboard</b>	
RGB colour space	NTSC	Keyboard special features	Resistente a derrames
Colour gamut	45%	Pointing device	Clickpad
<b>Processor</b>		Numeric keypad *	✓
Processor manufacturer *	Intel	Keyboard backlit	✓
Processor family *	Intel® Core™ i7	Spill-resistant keyboard	✓
Processor generation	12th gen Intel® Core™ i7	Full-size keyboard	✓
Processor model *	i7-1265U	Input device model	Teclado silencioso HP Premium
Processor cores	10		
Processor threads	12		
Processor boost frequency	2.7 GHz		
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		
<b>Memory</b>			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		

Memory		Software	
Memory form factor	SO-DIMM		Bing search for IE11; Buy Office; CyberLink Power Media Player; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Support Assistant; Native Miracast support; HP Connection Optimizer; HP ZCentral Remote Boost Software; myHP; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Programmable Key; HP QuickDrop; HP Touchpoint Customizer; HP WorkWell; Tile™ App (optional)
Memory layout (slots x size)	1 x 16 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Number of free internal memory expansion slots	1	Pre-installed software	
Memory channels	Dual-channel		
Storage			
Total storage capacity *	512 GB		
Storage media *	SSD		
Total SSDs capacity	512 GB		
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	512 GB		
SSD interface	PCI Express		
NVMe	✓		
Optical drive type *	✗		
Graphics		Processor special features	
Discrete GPU manufacturer	NVIDIA	Intel Flex Memory Access	✓
Discrete graphics card model *	NVIDIA T550	Intel Trusted Execution Technology	✓
Discrete graphics card memory	4 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Discrete graphics memory type	GDDR6	Intel Stable Image Platform Program (SIPP)	✓
On-board graphics card *	✓	Execute Disable Bit	✓
On-board GPU manufacturer	Intel	CPU configuration (max)	1
Discrete graphics card *	✓	Embedded options available	✗
On-board graphics card family	Intel Iris Xe Graphics	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card model *	Intel Iris Xe Graphics	Intel Virtualization Technology (VT-x)	✓
Number of discrete graphics cards	1	Brand-specific features	
Audio		HP Connection Optimizer	✓
Audio system	B&O PLAY	HP Support Assistant	✓
Built-in speaker(s)	✓		HP Sure Click; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP BIOSphere Gen6; HP Sure Start Gen6; MS Bitlocker Encryption; HP Proactive Security; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP TPM Configuration Utility; HP Sure Run Gen4; HP Client Security Manager Gen7; HP Sure Recover Gen4 with Embedded Reimaging; Secured-core PC capable; TPM 2.0 Embedded Security Chip; Infineon SLB9670; Camera privacy shutter
Number of built-in speakers	2		
Speakers manufacturer	Bang & Olufsen	HP Security tools	
Built-in microphone	✓		
Number of microphones	2		
Camera		HP Management tools	HP Power Manager
Front camera	✓	HP segment	Business
Front camera resolution (numeric)	5 MP	HP GTIN (EAN/UPC)	196548659227
Front camera HD type	HD	Battery	
Infrared (IR) camera	✓	Battery technology	Lithium Polymer (LiPo)
Network		Number of battery cells	3
Wi-Fi	✓	Battery capacity *	51 Wh
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Fast charging	✓
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Fast charging time (50%)	30 min
Mobile network connection *	✗	Power	
Antenna type	2x2	AC adapter power	65 W
WLAN controller model	Intel Wi-Fi 6E AX211	Security	
WLAN controller manufacturer	Intel	Cable lock slot	✓
Bluetooth	✓	Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Password protection	✓
		Password protection type	BIOS, Power on, User

<b>Sustainability</b>	
Sustainability compliance	✓
Sustainability certificates	TCO
Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure; 40% post-consumer recycled plastic; External power supply 90% efficiency; Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable
<b>Weight &amp; dimensions</b>	
Width	315.6 mm
Depth	224.3 mm
Height	19.9 mm
Weight *	1.47 kg
<b>Packaging data</b>	
Package width	449 mm
Package depth	69 mm
Package height	305 mm
<b>Packaging content</b>	
Keyboard included	✓
<b>Logistics data</b>	
Harmonized System (HS) code	8471300000
<b>Other features</b>	
Number of speakers	2



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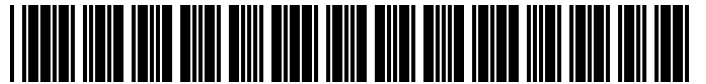
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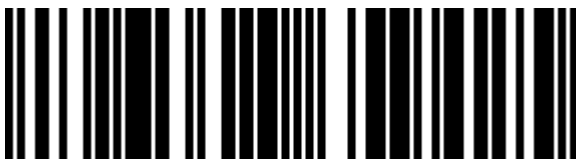
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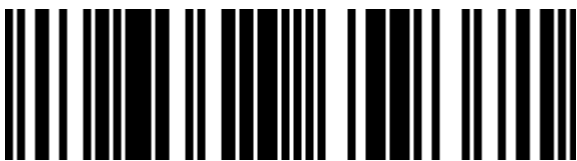
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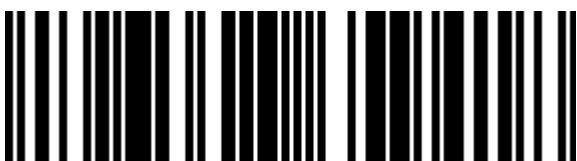
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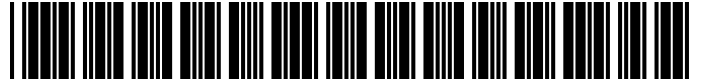
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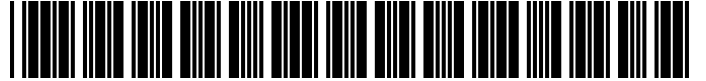
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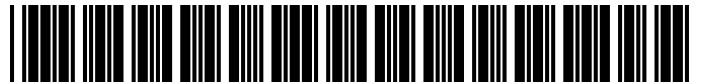
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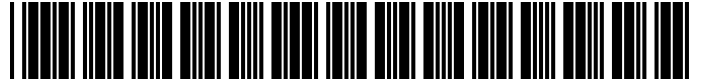
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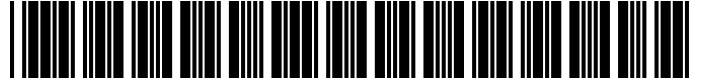
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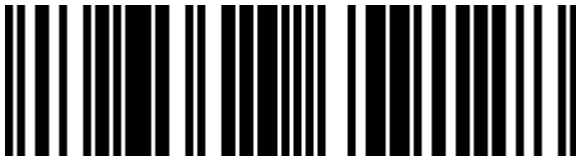
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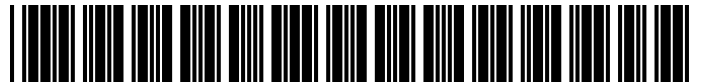
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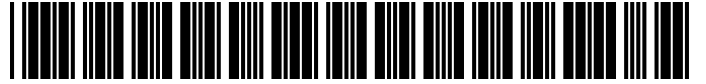
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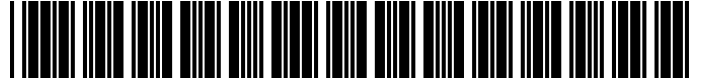
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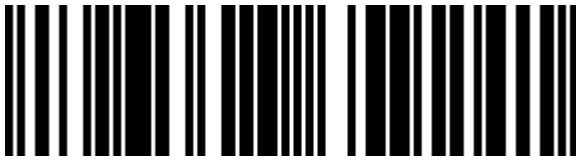
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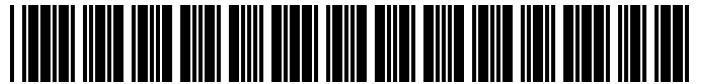
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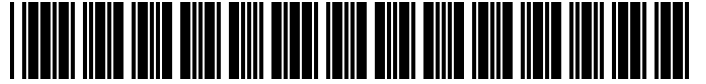
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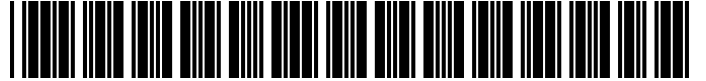
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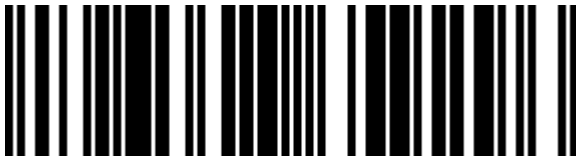
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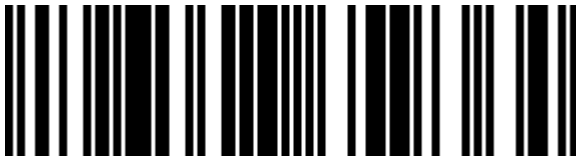
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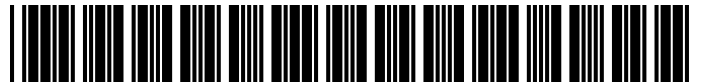
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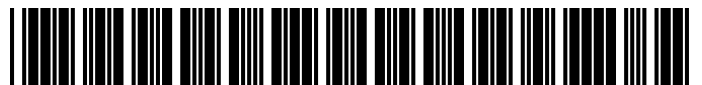
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