HP ZBook Firefly 14 G9 Intel® Core™ i7 i7-1255U 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: 525F4EA

Product name : 14 G9

- Intel® Core™ i7-1255U (up to 4.7 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 i7-1255U 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

Product type *	Mobile workstation
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Performance

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✖
HD type	WUXGA
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	400 cd/m²
Display diagonal (metric)	35.6 cm
RGB colour space	sRGB
Colour gamut	100%

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-1255U
Processor cores	10
Processor threads	12
Processor boost frequency	4.7 GHz
Processor cache	12 MB
Processor cache type	L3
Configurable TDP-down	12 W

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory form factor	SO-DIMM

Network

WLAN controller manufacturer	Intel
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HDMI ports quantity *	1
HDMI version	2.0b
Thunderbolt 4 ports quantity	2
Combo headphone/mic port	✔
Charging port type	USB Type-C
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	2

Performance

Motherboard chipset	Intel SoC

Keyboard

Keyboard special features	Resistente a derrames
Pointing device	Clickpad
Numeric keypad *	✖
Keyboard backlit	✔
Spill-resistant keyboard	✔
Full-size keyboard	✔
Input device model	Teclado silencioso HP Premium

Memory

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
Memory channels	Dual-channel

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD memory type	TLC
SSD interface	PCI Express
NVMe	✔
Optical drive type *	✘

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA T550
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 620
Number of discrete graphics cards	1

Audio

Audio system	B&O PLAY
Built-in speaker(s)	✔
Number of built-in speakers	2
Speakers manufacturer	Bang & Olufsen
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera resolution (numeric)	5 MP
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

Software

Pre-installed software	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)
Operating system installed *	Windows 11 Pro

Processor special features

Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Brand-specific features

HP Support Assistant	✔
HP Security tools	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
HP Management tools	HP Power Manager
HP segment	Business
HP GTIN (EAN/UPC)	196548662968

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	3
Battery capacity *	51 Wh
Fast charging	✔
Fast charging time (50%)	30 min

Power

AC adapter power	65 W

Security

Cable lock slot	✔
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	TCO

Sustainability

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

Weight & dimensions

Width	315.6 mm
Depth	224.3 mm
Height	19.9 mm
Weight *	1.47 kg

Packaging data

Package width	449 mm
Package depth	69 mm
Package height	305 mm

Packaging content

Keyboard included	✔

Logistics data

Harmonized System (HS) code	8471300000

Other features

Number of speakers	2

0196548663095

196548663095

0196548663101
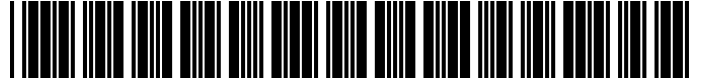
196548663101

0196548663118
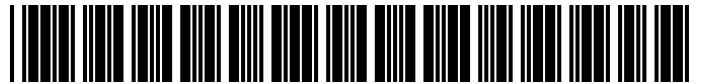
196548663118

0196548663125
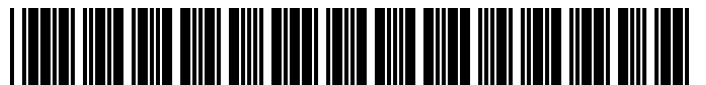
196548663125

0196548663149

196548663149

0196548663163

196548663163

0196548663156

196548663156

0196548663132

196548663132

0196548662821

196548662821

0196548662838

196548662838

0196548662890

196548662890

0196548662845

196548662845

0196548662852

196548662852

0196548662869
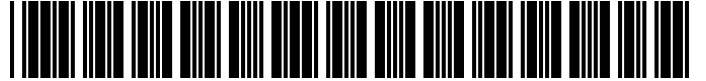
196548662869

0196548662876
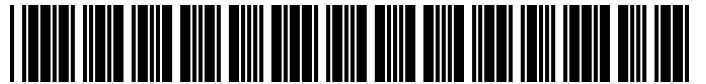
196548662876

0196548662883

196548662883

0196548662906

196548662906

0196548662951

196548662951

0196548662944

196548662944

0196548662920
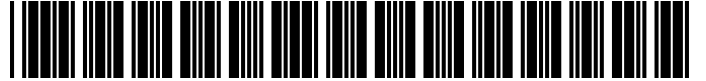
196548662920
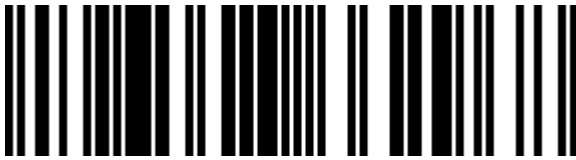
0196548662968
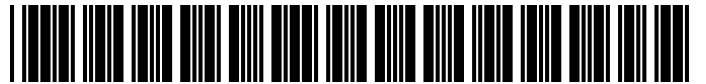
196548662968

0196548662982

196548662982
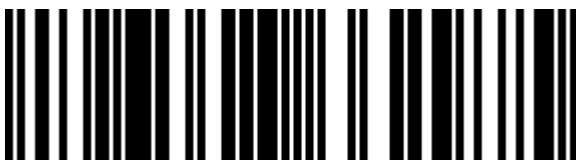
0196548662975

196548662975

0196548663002

196548663002

0196548663019

196548663019

0196548662999
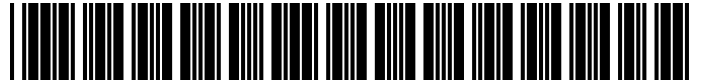
196548662999
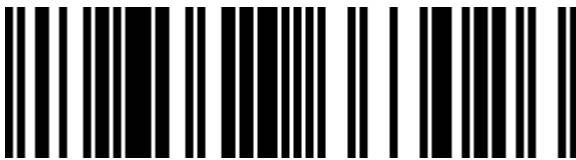
0196548663026

196548663026

0196548663064

196548663064

0196548663033

196548663033

0196548663040

196548663040

0196548663071

196548663071

0196548663057

196548663057

0196548663088
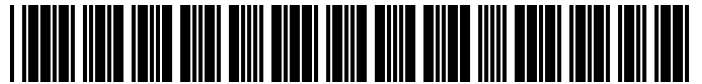
196548663088

0196548662913
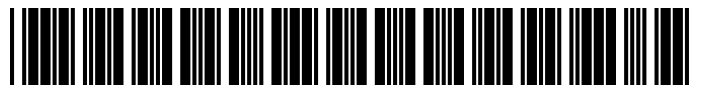
196548662913

0196548662937

196548662937