HP ZBook Fury 16 G9 Intel® Core™ i9 i9-12950HX Mobile workstation 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A3000 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : HP **Product family:** ZBook Fury **Product code:** 62U62EA

Product name : 16 G9

- Intel® Core™ i9-12950HX (up to 5.0 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores, 24 threads)
- Windows 11 Pro
- 40.6 cm (16") diagonal WUXGA display
- NVIDIA RTX™ A3000 Laptop GPU (12 GB GDDR6 dedicated)
- 32 GB memory; 1 TB SSD storage

ZBook Fury 16 G9 Mobile Workstation PC, 16", Windows 11 Pro, Intel® Core™ i9, 32GB RAM, 1TB SSD, RTX™ A3000, WUXGA

HP ZBook Fury 16 G9 Intel® Core™ i9 i9-12950HX Mobile workstation 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A3000 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey:

So powerful you'll forget it's a laptop
Tackle your most intense workflows with the ZBook Fury—now offering a desktop CPU in a laptop. With integrated or discrete graphics, a stunning display and collaboration features you can edit 8K videos, render in 3D or train machine learning models. Experience extreme pro performance—all on the move.

Design	
Product type *	Mobile workstation
Product colour *	Grey
Form factor *	Clamshell
Market positioning	Performance
Introduction year	2022
Country of origin	China

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Panel type	IPS
Anti-glare screen	✓
Display bezel technology	Micro-Edge
Display brightness	400 cd/m²
Display diagonal (metric)	40.6 cm
RGB colour space	sRGB
Colour gamut	100%

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i9
Processor generation	12th gen Intel® Core™ i9
Processor model *	i9-12950HX
Processor cores	16
Processor threads	24
Processor boost frequency	5 GHz
Processor cache	30 MB
Processor cache type	L3
Bus type	DMI4
Configurable TDP-down	45 W

Memory	
Internal memory *	32 GB
Internal memory type	DDR5-SDRAM

Network	
Bluetooth version	5.3

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Mini DisplayPorts quantity	1
Thunderbolt 4 ports quantity	2
Combo headphone/mic port	✓
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓
USB Sleep-and-Charge	✓
USB Sleep-and-Charge ports	2

Performance	
Motherboard chipset	Intel WM690

Keyboard	
Keyboard special features	Spill-resistant
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Spill-resistant keyboard	✓
Full-size keyboard	✓
Input device model	HP Premium Keyboard

Memory	
Memory clock speed	4800 MHz
Memory layout (slots x size)	2 x 16 GB
Memory slots	4x SO-DIMM
Number of free internal memory expansion slots	2
Memory channels	Dual-channel

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD memory type	TLC
SSD interface	PCI Express, NVMe
NVMe	✓
Optical drive type *	✗

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA RTX A3000
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✓
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics
Discrete graphics card memory	12 GB
Discrete graphics memory type	GDDR6
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
WLAN controller manufacturer	Intel
Ethernet LAN	✓
Bluetooth	✓

Software	
Pre-installed software	Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application
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)	✓
Intel Stable Image Platform Program (SIPP)	✓
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 JumpStart	✓
HP Connection Optimizer	✓
HP Support Assistant	✓
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; Camera privacy shutter
HP Management tools	HP Power Manager
HP segment	Business
HP GTIN (EAN/UPC)	196786531859

Battery	
Battery technology	Lithium Polymer (LiPo)
Number of battery cells	8
Battery capacity *	95 Wh

Power	
AC adapter power	230 W

Security	
Cable lock slot	✓
Fingerprint reader	✓
Smart card reader	✓
Trusted Platform Module (TPM)	✓
Trusted Platform Module (TPM) version	2.0

Security	
Password protection	✓
Password protection type	BIOS, Power on, User
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	363 mm
Depth	250.6 mm
Height	28.6 mm
Weight *	2.39 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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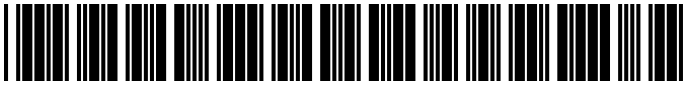

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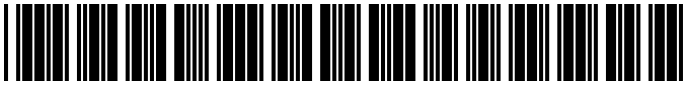

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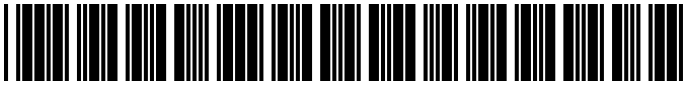

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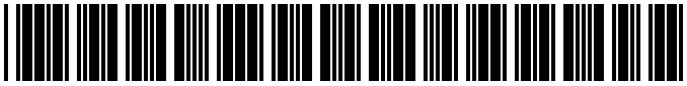

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