# HP

# 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 | Étanche |
| Pointing device | Touchpad |
| Numeric keypad * | ✓ |
| Keyboard backlit | ✓ |
| Spill-resistant keyboard | ✓ |
| Full-size keyboard | ✓ |
| Input device model | Clavier HP Premium |

## 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 |
| Discrete graphics card memory | 12 GB |
| Discrete graphics memory type | GDDR6 |
| 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 |
| 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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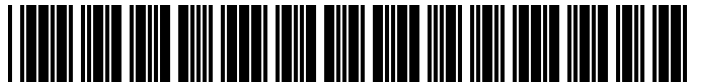
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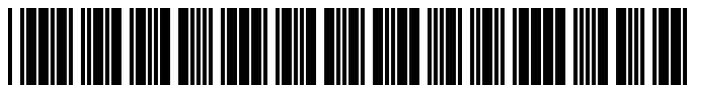
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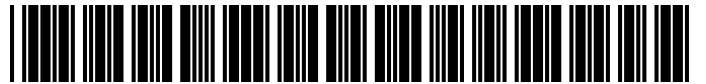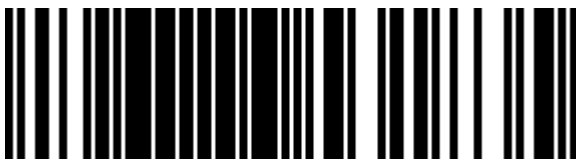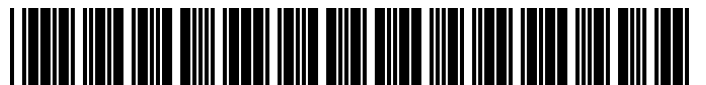
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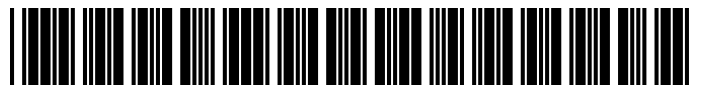
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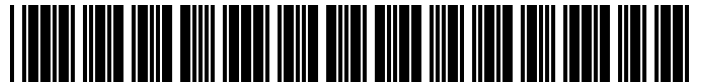
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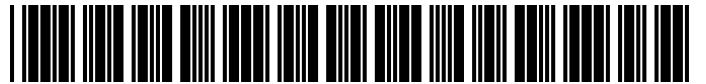
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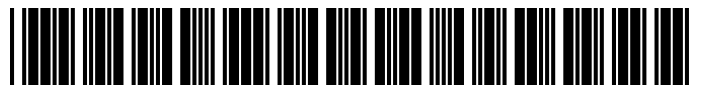
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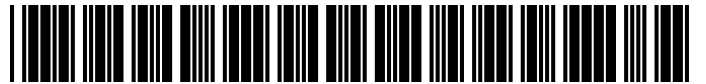
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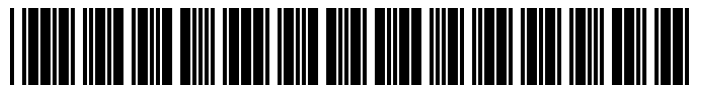
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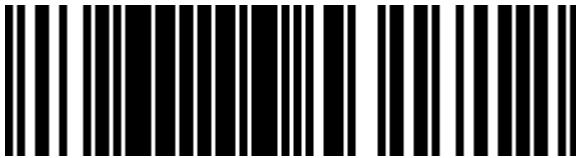
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