HP ZBook Firefly 16 inch G9 Mobile Workstation PC (6B890EA)

Operating system

Windows 10 Pro (available through downgrade rights from Windows 11 Pro)

Processor family

12th Generation Intel® Core™ i7 processor

Processor

Intel® Core™ i7-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)

Chipset

Intel® Integrated SoC

Graphics

Integrated,
Intel® HD Graphics

Graphics

Discrete,
NVIDIA® T550 Laptop GPU (4 GB GDDR6 dedicated)

Memory

32 GB DDR5-4800 MHz RAM (2 x 16 GB)

Memory Slots

2 SODIMM; supports dual channel

Internal Storage

1 TB PCIe® NVMe™ TLC SSD

Display

16" diagonal, WUXGA (1920 x 1200), IPS, narrow bezel, anti-glare, 400 nits, 100% sRGB

Display

40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, narrow bezel, anti-glare, 400 nits, 100% sRGB

Color gamut

100% sRGB

Minimum dimensions (W x D x H)

35.87 x 25.09 x 1.99 cm

Weight

Starting at 1.8 kg (Weight varies by configuration and components.)

Software included

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)

Management features

HP Power Manager

Battery type

HP Long Life 3-cell, 51 Wh Li-ion polymer

Battery recharge time

Supports battery fast charge: approximately 50% in 30 minutes

Wireless

Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (supporting gigabit data rate)

Keyboard

HP Premium Quiet Keyboard – spill-resistant, full-size, optional backlit keyboard with numeric keypad and DuraKeys

Camera

5MP HD IR camera

Audio

Audio by Bang & Olufsen, dual stereo speakers, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio

Ports

Left side 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 HDMI 2.0b; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge)
Right side 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate

Power

65 W USB Type-C™ adapter

Security management

HP Sure Click; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Sure View Reflect; MS Bitlocker Encryption; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Proactive Security (DaaS); 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

Fingerprint reader

Fingerprint Sensor

Ecolabels

TCO Certified

Sustainable impact specifications

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

Manufacturer Warranty

3 year (3/3/0) limited warranty includes 3 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Country/Region :   Ireland

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