

HP ZBook Fury G1i 16 inch Mobile Workstation PC

Specifications Table

Available Operating Systems	Windows 11 Pro ¹ Windows 11 Home – HP recommends Windows 11 Pro for business ¹ Windows 11 Home Single Language – HP recommends Windows 11 Pro for business ¹ FreeDOS 3.0 Ubuntu 24.04 LTS ²
Processor family ^{3,4,42}	Intel® Core™ Ultra 9 processor; Intel® Core™ Ultra 7 processor; Intel® Core™ Ultra 5 processor
Available Processors ^{3,4,42,49}	Intel® Core™ Ultra 5 245HX (up to 4.5 GHz E-core Max Turbo Frequency, up to 5.1 GHz P-core Max Turbo Frequency, 26 MB L2 cache, 6 P-cores and 8 E-cores, 14 threads), with Intel® Graphics and Intel® AI Boost (13 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 7 255HX (up to 4.5 GHz E-core Max Turbo Frequency, up to 5.2 GHz P-core Max Turbo Frequency, 36 MB L2 cache, 8 P-cores and 12 E-cores, 20 threads), with Intel® Graphics and Intel® AI Boost (13 NPU TOPS) Intel® Core™ Ultra 7 265HX (up to 4.6 GHz E-core Max Turbo Frequency, up to 5.3 GHz P-core Max Turbo Frequency, 36 MB L2 cache, 8 P-cores and 12 E-cores, 20 threads), with Intel® Graphics and Intel® AI Boost (13 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 9 285HX (up to 4.6 GHz E-core Max Turbo Frequency, up to 5.5 GHz P-core Max Turbo Frequency, 40 MB L2 cache, 8 P-cores and 16 E-cores, 24 threads), with Intel® Graphics and Intel® AI Boost (13 NPU TOPS), supports Intel® vPro® Technology
Neural Processing Unit	Intel® AI Boost
Chipset	Intel® WM890
Product colour	Meteor silver
Maximum memory	128 GB DDR5-5600 MT/s ECC; 192 GB DDR5-5600 MT/s non-ECC ^{7,26} Transfer rates up to 5600 MT/s.
Memory slots	4 SODIMM; supports dual channel ³⁶
Internal storage	512 GB up to 4 TB PCIe® Gen4 x4 NVMe™ M.2 2280 TLC SSD ⁶ 1 TB up to 2 TB PCIe® Gen4 x4 NVMe™ M.2 2280 TLC SED OPAL 2 SSD ⁶ 1 TB up to 2 TB PCIe® Gen5 x4 NVMe™ M.2 2280 SSD ⁶ 512 GB up to 2 TB Citadel PCIe-3x4 NVMe™ M.2 2280 TLC SED OPAL2 FIPS SSD ⁶
Display size (diagonal)	16"
Display size (diagonal, metric)	40.6 cm (16")
Available Displays (Imperial) ^{10,12,29,33}	16" diagonal, (2560 x 1600), 120 Hz, UWVA, anti-glare, Low Blue Light, 400 nits, 100% sRGB 16" diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, Low Blue Light, 800 nits, 100% sRGB, HP Sure View integrated privacy screen 16" diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, Low Blue Light, 400 nits, low power, 100% sRGB 16" diagonal, WUXGA (1920 x 1200), touch, UWVA, BrightView, Low Blue Light, 400 nits, low power, 100% sRGB 16" diagonal, WQXGA (3840 x 2400), 120 Hz, anti-glare, 500 nits, 100% DCI-P3, HP DreamColor
Available Displays (Metric)	40.6 cm (16") diagonal, (2560 x 1600), 120 Hz, UWVA, anti-glare, Low Blue Light, 400 nits, 100% sRGB 40.6 cm (16") diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, Low Blue Light, 800 nits, 100% sRGB, HP Sure View integrated privacy screen 40.6 cm (16") diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, Low Blue Light, 400 nits, low power, 100% sRGB 40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, UWVA, BrightView, Low Blue Light, 400 nits, low power, 100% sRGB 40.6 cm (16") diagonal, WQXGA (3840 x 2400), 120 Hz, anti-glare, 500 nits, 100% DCI-P3, HP DreamColor
Available Graphics	Integrated: Intel® Graphics Discrete: NVIDIA RTX™ Pro 1000 Blackwell Generation Laptop GPU (8 GB GDDR7 dedicated) NVIDIA RTX™ Pro 2000 Blackwell Generation Laptop GPU (8 GB GDDR7 dedicated) NVIDIA RTX™ Pro 5000 Blackwell Generation Laptop GPU (24 GB GDDR7 dedicated) NVIDIA RTX™ Pro 3000 Blackwell Generation Laptop GPU (12 GB GDDR7 dedicated) NVIDIA RTX™ Pro 4000 Blackwell Generation Laptop GPU (16 GB GDDR7 dedicated) ¹¹ (Discrete graphics options planned to be available at a later date and require factory configuration at the time of hardware purchase.)
Audio	Audio by Poly Studio, 4 integrated stereo speakers (1W/8 ohm per speaker), discrete amplifiers, 2 integrated dual array digital microphones
Memory card device	1 smart card reader (select models)
Ports and connectors	Left side: 1 HDMI 2.1; 1 SD card reader; 2 Thunderbolt™ 5 with USB Type-C® 80 Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1) ³² ; Right side: 1 USB Type-A 10Gbps signaling rate; 1 headphone/microphone combo; 1 RJ-45; 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1) ⁴⁵



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Keyboard	HP Lumen RGB Z Keyboard, quietKey, spill-resistant, extra large 3 button track pad, backlight keyboard and DuraKey
Mouse	Clickpad with multi-touch gesture support, taps enabled as default
Communications	WLAN: Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, vPro®; Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, non-vPro® ⁸ ; WWAN: Qualcomm® 9205 LTE Cat-M1; HP Kavalan R15 5G Solution ⁹ ;
Camera	IR Camera (optional); 5 MP camera ^{12,13}
Software	HSA Telemetry for Commercial; Copilot in Windows with Copilot key ^{17,61} ; Edge Customization; HP Support Assistant; HSA Fusion for Commercial; HP Connection Optimizer ²² ; myHP ³¹ ; HP UEFI BIOS Certification level 2.7B; HP MAC Address Manager; HP PC Hardware Diagnostics Windows; HP Privacy Settings; Poly Camera Pro; Poly Lens ¹⁸ ; HP Services Scan ⁴³ ; HP Notifications; Buy Microsoft Office (sold separately); HP Hotkey support; HP Smart Support ¹⁹
Security management	HP Tamper Lock (select models) ³⁸ ; HP Sure Click ²⁵ ; Windows Hello Enhanced Sign-in Security (ESS) Enable ¹³ ; Absolute Persistence Module ⁵⁰ ; HP BIOS Recovery; BIOS Update via Network; HP BIOSphere ²¹ ; HP DriveLock and Automatic DriveLock; HP Secure Erase ³⁵ ; HP Wake on WLAN; Audio Permanent Disable; HP Sure Run ²⁷ ; HP Client Security Manager ³⁹ ; HP Sure Recover ³⁷ ; Secured-core PC capable; HP Sure Sense ³⁰ ; HP Sure Start ⁴⁰ ; HP Sure Admin ⁴¹
Security Software Licenses	HP Wolf Pro Security Edition ⁵⁶
Fingerprint reader	Fingerprint reader (select models)
Management features	HP Client Catalog ⁵³ ; HP Power Manager with Battery Health Manager (download) ⁴⁸ ; HP Client Management Script Library (download); HP Image Assistant (download) ⁵¹ ; HP Manageability Integration Kit (download) ³⁴ ; HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager ⁴¹ ; HP Driver Packs (download) ⁵²
Power	HP 150W Slim 4.5 mm PFC Right Angle Smart (3-pin) AC Power Adapter; HP 200W Slim 4.5 mm PFC Right Angle Smart (3-pin) AC Power Adapter; HP 280W Standard 4.5 mm Right Angle Smart (3-pin) AC Power Adapter ⁵
Battery type	HP 99 Wh Long Life Polymer Fast Charge 8 cell Battery ⁴⁴
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ²⁰
Dimensions	14.16 x 9.81 x 1.09 in; 35.9 x 24.9 x 2.7 cm; (Dimensions vary by configuration)
Weight	Starting at 5.36 lb; Starting at 2.43 kg; (Weight varies by configuration and components.)
Ecolabels	EPEAT® registered configurations available ⁵⁴
Sustainable impact specifications	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 ^{55,57,58,59,60}

