

HP ZBook Fury 16 G11 Mobile Workstation PC (B90T0UA)



So powerful you'll forget it's a laptop

Tackle your most intense workflows with the ZBook Fury—offering a desktop class 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.

Tackle multiple heavy workflows—simultaneously

Blaze through graphics-heavy projects with a desktop class Intel® CPU^[2] and integrated or discrete graphics.^[4]

Upgrade. Expand. Evolve

Get desktop-level storage and memory with room to grow. Expansion is easy with tool-free access to components.

Thin bezel for enhanced display area.

Bring projects to life on a brilliant display and see more of your screen with a slim-bezel design.

Featuring

HP recommends Windows 11 Pro for business

Work anywhere without compromising on performance with Windows 11 and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot. ^[5]

Intel® Core™ i7 processor

Run several CPU-heavy programs simultaneously without sacrificing performance with an Intel® Core™ i7 processor. ^[2]

HP Z Turbo Drive High-speed Storage

Work without limits in any location with local PCIe storage that's up to 6x faster than SATA SSD, and up to 21x faster than traditional HDD storage. ^[6]

Spill-resistant Keyboard

Accidents happen - which is why we designed our keyboard with a drain hole, so minor spills flow out the bottom for easy cleanup.

Industry-leading security features

Advanced security features come standard. System safeguards like HP Sure Start – the industry's first self-healing BIOS – mean your device is locked down tight, so your data and identity are too.

Specifications

Operating system	Windows 11 Pro
Processor family	13th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-13850HX (up to 5.3 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 20 cores, 28 threads) [6,7]
Chipset	Intel® WM790
Memory	32 GB DDR5-5600 MT/s (2 x 16 GB)
Memory Slots	4 SODIMM; supports dual channel
Internal Storage	512 GB PCIe® Gen4 NVMe™ TLC M.2 SSD
Graphics	Discrete
Graphics (discrete)	NVIDIA RTX™ 2000 Ada Generation Laptop GPU (8 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	40.6 cm (16") diagonal, WQUXGA (3840 x 2400), IPS, touch, BrightView, micro-edge, Low Blue Light, 400 nits, 100% DCI-P3
Display	16" diagonal, WQUXGA (3840 x 2400), IPS, touch, BrightView, micro-edge, Low Blue Light, 400 nits, 100% DCI-P3 [21,23,32,39]
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
Audio	Audio by Poly Studio, dual stereo speakers, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio
Dimensions (W x D x H)	36.3 x 25.0 x 2.86 cm (non-touch); 36.3 x 25.0 x 2.77 cm (touch)
Dimensions (W x D x H)	14.29 x 9.86 x 1.12 in (non-touch); 14.29 x 9.86 x 1.09 in (touch)
Weight	Starting at 2.35 kg (Weight varies by configuration and components.)
Weight	Starting at 5.17 lb (Weight varies by configuration and components.)
Keyboard	HP Premium Keyboard – spill resistant, backlit keyboard
Pointing device	Extra large, QuietKey, 3-button touchpad
Camera	5MP HD IR camera
Ports	1 RJ-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate
Ports	1 power connector; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 Mini DisplayPort™ 1.4a
Package dimensions (W x D x H)	552 x 69 x 345 mm
Wireless	Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, vPro®
Power	230 W external AC power adapter [20]
Battery type	HP Long Life 8-cell, 95 Wh Li-ion polymer
Ecolabels	TCO Certified
Energy star certified	ENERGY STAR® certified
Management features	HP Power Manager [16]
Sustainable impact specifications	Low Halogen
UPC number	198990598611

Top Recommended Displays, Accessories and Services

Series 7 Pro

HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2AA
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Personal Systems Commercial Care Pack Services

HP 3y Onsite w/optional Device Health Insights MWS	U85QTE
HP 3y Onsite w/Predictive Detection Alerts MWS	U86BME
HP 3y Onsite w/Predictive Detection Alerts/Preferred Access MWS	UE9P0E

Speakerphones

Poly Sync 20+ USB-C Speakerphone	772D0AA
Poly Sync 20 USB-C Speakerphone	7F0J7AA
Poly Sync 10 USB-A USB-C Speakerphone	772C3AA

Wireless Headset

Poly Voyager Surround 80 UC USB-C Headset +USB-C/A Adapter	8G7T9AA
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	9T9J3AA

Wired Headset

Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA
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Backpacks

HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA
HP Renew Business 17.3-inch Laptop Backpack	3E2U5UT

Topload Bags

HP Renew Executive 16-inch Laptop Bag	6B8Y2AA
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Wireless Keyboards

HP 455 Programmable Wireless Keyboard	4R177AA
HP 975 Dual-Mode Wireless Keyboard	3Z726AA

Messaging Footnotes

[2] Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[4] Optional feature that must be configured at purchase.

[5] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 11 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>. Microsoft Copilot requires Windows 11. Some features require an NPU. Timing and availability will be dependent on Microsoft and varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See <http://aka.ms/WindowsAIFeatures>.

[6] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) of system disk is reserved for system recovery software.

Technical Specifications Footnotes

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[16] Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.

[20] 150 W power adapter is configurable with Intel UMA graphics. 200 W power adapter is configurable with NVIDIA RTX A1000 and RTX A2000 configurations. 230 W power adapter is configurable with NVIDIA RTX A3000 or higher.

[21] UHD content required to view UHD images.

[23] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[32] Actual brightness will be lower with HP Sure View or touch-screen.

[39] HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

Learn more at
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