

HP ZBook 8 G2i 14 inch Mobile Workstation PC

Part Number: DS3X4AT#AKL



Overview

Bring your biggest idea to life faster. With an Intel® Core™ Ultra 7 356H CPU with Copilot+ NPU, NVIDIA RTX PRO™ 500 discrete graphics, and 48 GB of memory, the HP ZBook 8 G2i delivers reliable pro app performance. Run AI productivity tasks locally on the NPU while tackling demanding AI-enhanced professional workflows — in a thin, light design with all-day battery.

Specifications

Operating system	Windows 11 Pro
Processor family	Intel® Core™ Ultra 7 processor
Processor	Intel® Core™ Ultra 7 356H (up to 4.7 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 16 cores, 16 threads)
Neural Processing Unit	Intel® AI Boost (50 NPU TOPS)
Graphics (discrete)	NVIDIA RTX PRO™ 500 Blackwell Generation Laptop GPU (6 GB GDDR7 dedicated)
Memory	48 GB DDR5-5600 MT/s (2 x 24 GB)
Internal storage	1 TB PCIe® Gen5 NVMe™ M.2 SSD
Display	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, 100% sRGB
Wireless	Intel® Wi-Fi 7 BE211 (2x2) and Bluetooth® 6.0 wireless card
Audio	Audio by Poly Studio, 2 integrated stereo speakers (1W/8 ohm per speaker), discrete amplifiers, 2 integrated dual array digital microphones
Camera	5 MP IR AI camera
Keyboard	HP Premium Keyboard – spill-resistant, backlit keyboard
Pointing device	ClickPad Glass with multi-touch gesture support, taps enabled as default
Fingerprint reader	Fingerprint reader
Security management	TPM 2.0 Embedded Security Chip (Common Criteria EAL4+ Certified) (FIPS 140-2 Level 2 Certified)
Ports	1 USB Type-A 5Gbps signaling rate; 1 nano security lock slot; 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4)
Battery type	HP Long Life 8 cell, 77 Wh Polymer
Power	HP 140 W USB Type-C® slim adapter
Weight	Starting at 1.43 kg
Dimensions (W x D x H)	31.56 x 22.2 x 1.9 cm

Color	Meteor silver aluminium
Warranty	3 Years (3/3/0)

Errors and omissions excepted (E&OE). Specifications subject to change without notice.