

# HP ZBook 8 G1i 14 inch Mobile Workstation PC

Part Number: D81K2PT#AKL | Mobile Workstation | List price: ■99,590.35



## Overview

Pro-level performance combines with true mobility in this sleek and powerful laptop. Review 3D designs, create with AI tools in pro apps, and work across multiple projects wherever you are. Stay productive with an AI workstation that delivers both performance and long-lasting battery.

## Specifications

<b>Operating system</b>	Windows 11 Pro
<b>Processor family</b>	Intel® Core™ Ultra 7 processor
<b>Processor</b>	Intel® Core™ Ultra 7 255U (up to 5.2 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads)
<b>Neural Processing Unit</b>	Intel® AI Boost (12 NPU TOPS)
<b>Chipset</b>	Intel® integrated SoC
<b>Graphics (integrated)</b>	Intel® Graphics
<b>Memory</b>	16 GB DDR5-5600 MT/s (1 x 16 GB) Transfer rates up to 5600 MT/s.
<b>Internal Storage</b>	512 GB PCIe® NVMe™ SSD
<b>Display</b>	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, 100% sRGB
<b>Display size (diagonal)</b>	35.6 cm (14")
<b>Ports</b>	1 HDMI 2.1; 1 headphone/microphone combo; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1)
<b>I/O Port location</b>	Left side
<b>Wireless</b>	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card
<b>Audio</b>	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
<b>Illuminator</b>	5 MP IR AI camera
<b>Keyboard</b>	HP Premium Quiet Keyboard – spill-resistant, full-size, backlit keyboard with drain and DuraKeys
<b>Pointing device</b>	Clickpad with multi-touch gesture support
<b>Battery type</b>	HP Long Life 3-cell, 62 Wh Li-ion polymer
<b>Power</b>	65 W USB Type-C® adapter

<b>Sustainable impact specifications</b>	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 [45,46,47,48,50]
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Fingerprint reader</b>	Fingerprint reader
<b>Warranty</b>	1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 30 minutes
<b>Camera</b>	5 MP IR AI camera
<b>Color</b>	Meteor silver
<b>Color gamut</b>	100% sRGB
<b>Dimensions (W x D x H)</b>	31.56 x 22.2 x 1.89 cm
<b>Dimensions (W x D x H) Note</b>	Dimensions vary by configuration
<b>Graphics</b>	Integrated
<b>Manageability Features 1</b>	HP Client Catalog (download)
<b>Manageability Features 2</b>	HP Client Management Script Library (download)
<b>Manageability Features 3</b>	HP Cloud Recovery
<b>Manageability Features 5</b>	HP Driver Packs (download)
<b>Manageability Features 6</b>	HP Image Assistant (download)
<b>Manageability Features 7</b>	HP Manageability Integration Kit (download)
<b>Manageability Features 8</b>	HP Power Manager with Battery Health Manager (download)
<b>Manageability Features 10</b>	HP Connect for Microsoft Endpoint Manager
<b>Manufacturer Warranty</b>	1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
<b>Material Type for item</b>	FERT
<b>Memory and storage</b>	16 GB memory;512 GB SSD storage
<b>Memory layout (slots &amp; size)</b>	1 x 16 GB
<b>Memory Slots</b>	2 SODIMM; supports dual channel
<b>Package dimensions (W x D x H)</b>	441 x 274 x 63 mm
<b>Power Supply Type Icon</b>	<a href="https://hp.widen.net/content/gzezjfu9ii/png/EU%20Common%20Charger%20%202065-100W%20%20%28Adapter%20included%29.png?w=400&amp;h=400&amp;position=c&amp;color;=ffffff00&amp;quality;=80&amp;u;=dpmp26">https://hp.widen.net/content/gzezjfu9ii/png/EU%20Common%20Charger%20%202065-100W%20%20%28Adapter%20included%29.png?w=400&amp;h=400&amp;position=c&amp;color;=ffffff00&amp;quality;=80&amp;u;=dpmp26</a>
<b>Processor cache</b>	12 MB L3
<b>Processor core</b>	12
<b>Product long name specifications</b>	HP ZBook 8 G1i 14 inch Mobile Workstation PC, 14", Windows 11 Pro, Intel® Core™ Ultra 7, 16GB RAM, 512GB SSD, WUXGA, Meteor silver, AI PC
<b>Product short name specifications</b>	HP ZBook 8 G1i 14 inch Mobile Workstation PC, 14", Intel® Core™ Ultra 7, 16GB RAM, 512GB SSD, AI PC
<b>RED common charger URL</b>	<a href="https://hp.widen.net/content/gzezjfu9ii/png/EU%20Common%20Charger%20%202065-100W%20%20%28Adapter%20included%29.png?w=400&amp;h=400&amp;position=c&amp;color;=ffffff00&amp;quality;=80&amp;u;=dpmp26">https://hp.widen.net/content/gzezjfu9ii/png/EU%20Common%20Charger%20%202065-100W%20%20%28Adapter%20included%29.png?w=400&amp;h=400&amp;position=c&amp;color;=ffffff00&amp;quality;=80&amp;u;=dpmp26</a>
<b>Registration required</b>	No
<b>Security management</b>	Audio Permanent Disable
<b>Software included</b>	Edge Customization
<b>Standard memory note</b>	Transfer rates up to 5600 MT/s.
<b>Storage type</b>	SSD

<b>Sustainability specifications</b>	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
<b>TCO Certified</b>	TCO Certified, generation 10
<b>UNSPSC code</b>	43211503
<b>UPC number</b>	821844374108
<b>Weight</b>	Starting at 1.45 kg
<b>Weight note (metric)</b>	Weight varies by configuration and components.
<b>Sustainability specifications footnote number</b>	[45,46,47,48,50]

Source: HP Partner Portal ([partner.hp.com](http://partner.hp.com)) — overview & specifications. Generated for KLMO Group product listing.