

**HP ZBook X G1i Intel Core Ultra 9 285H, 16.0" WUXGA (1920 x 1200), anti-glare, 400 nits, 64GB, 1TB,Wi-Fi 7,WWAN 5G,W11 High end,3/3/3(B72VLET#UUZ)**

**HP ZBook X G1i Intel Core Ultra 9 285H, 16.0" WUXGA (1920 x 1200), anti-glare, 400 nits, 64GB, 1TB,Wi-Fi 7,WWAN 5G,W11 High end,3/3/3**



The HP ZBook X G1i Mobile Workstation combines high-performance technology and robust features, making it suitable for professionals who need power and reliability on the go. Featuring a spacious 16-inch display with Low Blue Light technology and IPS panel, this workstation ensures a comfortable viewing experience while reducing eye strain. The device is equipped with a powerful Intel Core Ultra 9 processor, providing seamless multitasking capabilities and efficient performance for demanding applications. Designed for mobility, the workstation includes an array of sensors such as a thermal sensor and HP Tamper Lock for added security. The device supports advanced connectivity with USB4/Thunderbolt 4 ports, allowing connections to peripherals. With 1 TB of SSD storage, users will enjoy fast data access and ample space for files and applications, backed by a high-definition audio system for an immersive sound experience while working. The HP ZBook X G1i Mobile Workstation stands as a reliable companion for individuals seeking a balance of power, portability, and performance.

## Key Selling Points

- 16-inch display with Low Blue Light technology for eye comfort
- Powerful Intel Core Ultra 9 processor for smooth performance
- 1 TB SSD provides ample storage and fast data access
- Advanced security features like a fingerprint reader and HP Tamper Lock
- Robust connectivity options including USB4 and Thunderbolt 4

## Product Features

### Powerful Performance

Equipped with a Core Ultra 9 processor and 16 cores, the HP ZBook X G1i ensures efficient multitasking and supports demanding applications effectively. With a clock speed of up to 5.4 GHz and Intel Turbo Boost Technology, this workstation handles tasks with ease and speed.

### Robust Storage

With 1 TB of SSD storage utilizing PCIe 4.0 interface, the HP ZBook X G1i offers rapid data access and ample room for files, applications, and projects, enhancing productivity without compromising on speed.

### Crystal Clear Display

The 16-inch display features IPS technology along with WLED backlight, providing vibrant colors and wide viewing angles that make visual tasks enjoyable and engaging while minimizing eye strain with Low Blue Light technology.

### Enhanced Security

The HP ZBook X G1i prioritizes user security with features like HP Tamper Lock, a chassis intrusion sensor, and support for fingerprint and smart card readers, ensuring that sensitive information is protected.

### Advanced Connectivity

Featuring multiple USB4 and Thunderbolt 4 ports along with HDMI and USB 3.0 ports, this mobile workstation is designed for versatile connections to various devices and peripherals for streamlined workflows.

## Main Specifications

Product Description	HP ZBook X G1i Mobile Workstation - 16" - Intel Core Ultra 9 - 285H - 64 GB RAM - 1 TB SSD - Swiss
Product Type	Mobile workstation
Operating System	Win 11 Pro - German / French / Italian / English
Processor	Intel Core Ultra 9 (Series 2) - 285H / 2.9 GHz, up to 5.4 GHz / 24 MB Cache
Neural Processor Unit (NPU)	Intel AI Boost - up to 13 TOPS
Memory	64 GB DDR5 (2 x 32 GB)
Storage	1 TB SSD - NVMe, TLC
Display	16" WLED 1920 x 1200 / WUXGA @ 60 Hz

Graphics	Intel Arc Graphics 140T - up to 77 TOPS
Input Device	Keyboard, ClickPad
Keyboard	Swiss
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Microsoft Copilot	Yes
Networking	NFC, 802.11a/b/g/n/ac/ax/be, Bluetooth 5.4, Gigabit Ethernet
Battery	6-cell
Features	Ambient light sensor, hall sensor, motion sensor, HP Tamper Lock, colour sensor, thermal sensor, HP Sure Platform
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader, smart card reader
Colour	Meteor silver
Dimensions (WxDxH)	35.9 cm x 25.1 cm x 2.3 cm
Weight	2.04 kg
Localisation	Language: German, French, Italian / region: Switzerland
Manufacturer Selling Program	HP Smart Buy
Environmental Standards	ENERGY STAR Qualified EPEAT Gold, EPEAT Climate+
Bundled Services	HP 3 years Onsite Hardware Support for Mobile Workstations

## Extended Specification

### General

Product Type	Mobile workstation
Operating System	Windows 11 Pro - German / French / Italian / English

### Memory

RAM	64 GB (2 x 32 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Speed	5600 MT/s
Rated Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	0

### Manufacturer Warranty

Bundled Services	HP 3 years Onsite Hardware Support for Mobile Workstations
------------------	--

### Storage

Main Storage	1 TB SSD M.2 PCIe 4.0 - NVMe Express (NVMe), triple-level cell (TLC)
--------------	--

### Miscellaneous

Colour	Meteor silver
Integrated Options	Ambient light sensor, hall sensor, motion sensor, HP Tamper Lock, colour sensor, thermal sensor, HP Sure Platform
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader, smart card reader
Features	Automatic DriveLock, BIOS Absolute Persistence, HP DriveLock, HP Fast Charge, BIOS Update via Network, MIL-STD-810H tested, Secured-core PC enabled

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), chassis intrusion sensor
Security Slot Type	Kensington nano security slot
Included Accessories	HP 150 Watt Smart PFC Slim AC Adapter
Compliant Standards	CSA, UL, VCCI, BSMI, GS, SABS, CCC, EMC, FCC, A-Tick, ICES, KC, SEPA, low halogen, EN 60601-1-2:2015, IEC 60601-1-2:2014, AUS/NZ, Saudi Arabian Compliance, RCTA DO-160G, Eyesafe Certification
Localization	Language: German, French, Italian / region: Switzerland
Manufacturer Selling Program	HP Smart Buy

#### Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	35 °C
Humidity Range Operating	10 - 90% (non-condensing)
Shock Tolerance (operating)	40 g @ 2 ms half-sine
Shock Tolerance (non-operating)	240 g @ 2 ms half-sine
Vibration Tolerance (operating)	1.043 g @ RMS (random)
Vibration Tolerance (non-operating)	3.5 g @ RMS (random)

#### Software

Software Included	HP Support Assistant, HP Power Manager, HP Hotkey Support, HP Secure Erase, HP BIOSphere, HP Client Catalogue (free download), HP Image Assistant (free download), HP MAC Address Manager, HP Notifications, HP Connection Optimizer, HP Sure Click, HP Sure Run, HP Sure Recover, HP Privacy Settings, HP Cloud Recovery, HP Sure Sense, HP Sure Admin, HP Client Management Script Library (free download), HP Wake on WLAN, myHP, HSA Fusion for Commercial, HSA Telemetry for Commercial, HP BIOS Recovery, HP Smart Support, Windows Hello, HP Manageability Integration Kit (free download), HP Connect for Microsoft Endpoint Manager, HP PC Hardware Diagnostics Windows, HP Services Scan, Battery Health Manager, Poly Camera Pro, HP Sure Start, HP Driver Packs (free download), HP UEFI BIOS Certification level 2.7B, Edge Customization, Audio Permanent Disable, Poly Lens
Microsoft Copilot	Yes

#### Display

Type	16" - IPS
LCD Backlight Technology	WLED backlight
Resolution	1920 x 1200 (WUXGA)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Image Brightness	400 cd/m <sup>2</sup>
Colour Gamut	100% sRGB
Features	Low Blue Light technology, Low Power, narrow bezel bent, WUXGA ultra wide-viewing angle (UWVA) anti-glare eDP +PSR2
Keyboard Name	HP Premium

#### Battery

Technology	6-cell lithium polymer
Capacity	83 Wh

#### Communications

Wireless	NFC, 802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
Bluetooth Class	Class 1
Wireless Controller	Intel WI-FI 7 BE201 - PCI Express Mini Card (M.2)
Network Interface	Gigabit Ethernet

Ethernet Controller	Intel I219-LM
Features	Miracast, dual stream (2x2)
Compliant Standards	IEEE 802.11d, IEEE 802.11i, Wi-Fi CERTIFIED, IEEE 802.11h, IEEE 802.11e, IEEE 802.11k, IEEE 802.11r, IEEE 802.11v

#### Dimensions & Weight

Dimensions (WxDxH)	35.9 cm x 25.1 cm x 2.3 cm
Weight	2.04 kg
Shipping Dimensions (WxDxH) / Weight	55.2 cm x 6.9 cm x 34.5 cm

#### Processor / Chipset

CPU	Intel Core Ultra 9 (Series 2) 285H / 2.9 GHz
Max Turbo Speed	5.4 GHz
Number of Cores	16-core
Performance Cores	6
Efficient Cores	10
Cache	L3 - 24 MB
Features	Intel Turbo Boost Technology

#### Audio & Video

Graphics Processor	Intel Arc Graphics 140T - up to 77 TOPS
Camera	Yes
Resolution	5 Megapixel
Camera Features	Privacy shutter, IR camera, 88° view, HP Auto Frame
Sound	Dual stereo speakers, HP World Facing Microphone / dual-array digital microphone
Codec	Realtek ALC3247
Compliant Standards	High Definition Audio
Audio Features	Output: discrete amplifiers, Poly Studio

#### Input

Type	Keyboard, ClickPad
Keyboard Backlight	Yes
Keyboard Layout	Swiss
Numeric Keypad	Yes
Features	Volume control, multi-touch clickpad, gesture function, precision touchpad, Copilot key, spill-resistant, DuraKeys

#### AC Adapter

Input	AC 115/230 V (50/60 Hz)
Output	150 Watt, 19.5 V, 16 A

#### Connections & Expansion

Slots	1 x Nano-SIM card (1 free)
Interfaces Details	2 x USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Power Delivery) † USB 3.2 Gen 1 (charging) † † USB 3.2 Gen 1 † † HDMI † † Headphone/microphone combo jack † † LAN (RJ-45)
Memory Card Reader	Yes (SD Card, SDHC Card, SDXC Card)

#### Sustainability Information

EPEAT Compliant	EPEAT Gold
EPEAT Climate+	Yes
ENERGY STAR Certified	Yes

Product Recycled Content Post-consumer recycled plastic, ocean-bound plastics, recycled metal

### Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	13 TOPS
Total Processor Performance Up To (TOPS)	99 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WebNN, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

## What's in the box

HP ZBook X G1i Mobile Workstation  
HP 150 Watt Smart PFC Slim AC Adapter

TD SYNnex is not responsible for the errors in the documentation of products