

HP EB6G1i16 U7 255U 16 16GB/512 PC Netherlands - QWERTY(C14ZQET#ABH)

HP EliteBook 6 G1i Notebook AI - Intel Core Ultra 7 - 255U / up to 5.2 GHz - Win 11 Pro - Intel Graphics - 16 GB RAM - 512 GB SSD NVMe - 16" IPS 1920 x 1200 - Ethernet - Wi-Fi 6E, Bluetooth - pike silver aluminium - kbd: Intl English - with HP Wolf Pro Security Edition (1 year)



The HP EliteBook 6 G1i Notebook AI is designed to meet the demands of professionals who require reliability and performance. Featuring a spacious widescreen LED display, it provides vibrant visuals that elevate any presentation or video call. The device is equipped with dual-array microphones and dual stereo speakers that enhance communication quality, ensuring clear audio during video conferences. With HP Fast Charge technology, users can stay productive, minimizing downtime during work sessions. Constructed to endure, this notebook has undergone MIL-STD-810H testing, providing durability and resilience against various conditions. Its spill-resistant keyboard adds an extra layer of protection, making it suitable for busy office environments. Furthermore, the advanced Intel Core Ultra 7 processor with Turbo Boost Technology ensures efficient multitasking, complemented by the speedy DDR5 SDRAM that enhances overall performance.

Key Selling Points

- Widescreen LED display for vibrant visuals
- MIL-STD-810H tested for durability
- HP Fast Charge technology for quick power replenishment
- Spill-resistant keyboard for added protection
- Equipped with Intel Core Ultra 7 for performance

Product Features

- Robust audio quality**
The dual-array microphones and dual stereo speakers deliver clear sound, making audio communication seamless and effective for meetings and presentations.
- Advanced connectivity options**
The notebook is equipped with various interfaces including HDMI, USB 3.2 Gen 1, USB4/Thunderbolt 4/DisplayPort 2.1, providing versatile options for connecting to multiple devices.
- Powerful processing capabilities**
Powered by the Intel Core Ultra 7 processor with Intel Turbo Boost Technology, this notebook offers responsive performance suitable for demanding applications.
- Efficient memory support**
With DDR5 SDRAM technology and two memory slots, this notebook supports substantial memory expansion, allowing users to multitask with ease.
- Enhanced security features**
The chassis intrusion sensor adds an additional layer of security, ensuring the integrity of sensitive data and protecting against unauthorized access.

Main Specifications

Product Description	HP EliteBook 6 G1i Notebook AI - 16" - Intel Core Ultra 7 - 255U - 16 GB RAM - 512 GB SSD - Intl English - with HP Wolf Pro Security Edition (1 year)
Product Type	Notebook
Operating System	Win 11 Pro - Dutch / English
Processor	Intel Core Ultra 7 (Series 2) - 255U up to 5.2 GHz / 12 MB Cache
Neural Processor Unit (NPU)	Intel AI Boost - up to 12 TOPS
Memory	16 GB DDR5 (1 x 16 GB)
Storage	512 GB SSD - NVMe
Display	16" 1920 x 1200 / WUXGA
Graphics	Intel Graphics
Input Device	ClickPad
Keyboard	International English

Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Microsoft Copilot	Yes
Networking	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3, Ethernet
Battery	3-cell
Features	Hall sensor, HP Tamper Lock, thermal sensor, HP Sure Platform
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Pike silver aluminium
Dimensions (WxDxH)	35.94 cm x 25.1 cm x 1.7 cm
Weight	1.75 kg
Localisation	Language: Dutch / region: Netherlands
Environmental Standards	ENERGY STAR Qualified
Bundled with	HP Wolf Pro Security Edition (1 year)

Extended Specification

General

Product Type	Notebook
Operating System	Windows 11 Pro - Dutch / English
Bundled with	HP Wolf Pro Security Edition (1 year)

Memory

RAM	16 GB (1 x 16 GB)
Technology	DDR5 SDRAM
Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Storage

Main Storage	512 GB SSD PCIe - NVM Express (NVMe)
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Miscellaneous

Colour	Pike silver aluminium
Integrated Options	Hall sensor, HP Tamper Lock, thermal sensor, HP Sure Platform
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	HP Automatic Drive Lock, HP DriveLock, HP Fast Charge, BIOS Update via Network, MIL-STD-810H tested, Secured-core PC capable
Theft/Intrusion Protection	Security lock slot (cable lock sold separately), chassis intrusion sensor
Included Accessories	HP 65W USB-C AC Adapter
Compliant Standards	VCCI, BSMI, FIPS 140-2 Level 2, FCC, RoHS, KCC, CISPR, ICES, Common Criteria EAL4+, KC, CECP, NCC, low halogen, KES, UL/CSA 62368-1, Low Blue Light certified (LBL), Ukraine NSoC, EAEU Compliance, Saudi Arabian Compliance, UL GS mark, China SRRC, China CCC, Ukraine TEC
Localization	Language: Dutch / region: Netherlands

Software

Software Included	HP Support Assistant, HP Power Manager, HP Hotkey Support, HP Secure Erase, 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 BIOSphere Gen6, HP Wake on WLAN, myHP, HSA Fusion for Commercial, HSA Telemetry for Commercial, HP BIOS Recovery, Absolute Persistence Module, HP Smart Support, Poly Lens management software, 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
Microsoft Copilot	Yes

Display

Type	16" - IPS
Resolution	1920 x 1200 (WUXGA)
Widescreen	Yes
Image Brightness	300 cd/m²
Colour Gamut	62.5% sRGB
Features	Anti-glare, Low Blue Light technology

Battery

Technology	3-cell lithium polymer
Capacity	56 Wh

Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Controller	Intel Wi-Fi 6E AX 211
Network Interface	Ethernet
Ethernet Controller	Intel I219-V
Features	Wake-on-LAN (WOL), dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	35.94 cm x 25.1 cm x 1.7 cm
Weight	1.75 kg

Processor / Chipset

CPU	Intel Core Ultra 7 (Series 2) 255U
Max Turbo Speed	5.2 GHz
Number of Cores	12-core
Cache	L3 - 12 MB
Features	Intel Turbo Boost Technology, 14 Threads

Audio & Video

Graphics Processor	Intel Graphics
Camera	Yes
Resolution	5 Megapixel
Camera Features	IR camera
Sound	Dual stereo speakers, dual array microphone
Audio Features	Output: Poly Studio

Input

Type	Keyboard, ClickPad
Keyboard Backlight	Yes
Keyboard Layout	International English
Numeric Keypad	Yes
Features	Multi-touch clickpad, gesture function, Copilot key, spill-resistant

AC Adapter

Output	65 Watt
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Connections & Expansion

Interfaces Details	2 x USB 3.2 Gen 1 (powered) 2 x USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Power Delivery 3.0, Sleep & Charge) HDMI Headphone/microphone combo jack LAN (RJ-45)
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Sustainability Information

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)	12 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

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