

HP EliteStudio 8 G1i AI - all-in-one - AI PC - Core Ultra 5 235 3.4 GHz - vPro Enterprise - 16 GB - SSD 512 GB - LED 23.8" - UK(CK4P2ET#ABU)

HP EliteStudio 8 G1i AI - All-in-one Core Ultra 5 235 / up to 5 GHz - vPro Enterprise - RAM 16 GB - SSD 512 GB - NVMe - Intel Graphics - Gigabit Ethernet, IEEE 802.11ax (Wi-Fi 6), Bluetooth 5.4, IEEE 802.11be (Wi-Fi 7) - Win 11 Pro - monitor: LED 23.8" 1920 x 1080 (Full HD) @ 75 Hz touchscreen - keyboard: UK - pike silver - Smart Buy



The HP EliteStudio 8 G1i AI combines powerful performance with a sleek all-in-one design, making it a suitable addition to any workspace. It features a 5-megapixel webcam for clear video calls and an HP Tamper Lock sensor for enhanced security. With various expansion slots for SSD and WLAN, this computer offers versatility and easy upgrades to meet user needs. The ENERGY STAR certified device ensures energy efficiency while delivering high-speed connectivity through its multiple interfaces, including HDMI, USB 3.2 Gen 2, and Thunderbolt 4/USB4.

Fulfilling both performance and usability, the EliteStudio 8 employs an Intel Core Ultra 5 processor backed by DDR5 SDRAM, ensuring robust multitasking capabilities. The Intel Graphics processor provides reliable visual output, suitable for work and entertainment. This personal computer is equipped with various networking protocols, including Gigabit Ethernet and dual-stream wireless LAN support, enabling seamless Internet connectivity for any user.

Key Selling Points

- All-in-one design for space efficiency
- 5-megapixel webcam for high-quality video calls
- HP Tamper Lock for enhanced security
- Multiple expansion slots for SSD and WLAN upgrades
- ENERGY STAR certified for energy efficiency

Product Features

- Efficient design**
The all-in-one form factor integrates the computer and display into one unit, saving desk space while maintaining a sleek aesthetic.
- High-definition video capabilities**
The 5-megapixel webcam ensures clear visuals for video conferencing, enhancing communication without compromising quality.
- Secure system protection**
Equipped with an HP Tamper Lock sensor, this system safeguards against unauthorized access, providing peace of mind.
- Expandable storage options**
With designated slots for SSD and WLAN upgrades, users can enhance their storage and connectivity options based on their needs.
- Versatile connectivity**
The presence of HDMI, USB 3.2 Gen 2, and Thunderbolt 4/USB4 connections allows for diverse device connections and fast data transfer.

Main Specifications

Product Description	HP EliteStudio 8 G1i AI - all-in-one - AI PC - Core Ultra 5 235 3.4 GHz - vPro Enterprise - 16 GB - SSD 512 GB - LED 23.8" - UK
Type	Personal computer - all-in-one - AI PC
Platform Technology	Intel vPro Enterprise
Localisation	Language: English / region: United Kingdom
Processor	Intel Core Ultra 5 (Series 2) 235 / 3.4 GHz (up to 5 GHz, (14-core)
Processor Main Features	Intel Turbo Boost Technology 2, Intel Smart Cache, 14 Threads
Neural Processor Unit (NPU)	Intel AI Boost - up to 13 TOPS
Cache Memory	24 MB L3 Cache
Cache Per Processor	24 MB
RAM	16 GB (installed) / 64 GB (max) - DDR5 SDRAM
Hard Drive	SSD 512 GB - PCI Express - M.2 - NVM Express (NVMe)

Optical Storage	No optical drive
Monitor	23.8" - LED - 1920 x 1080 (Full HD) @ 75 Hz - 16:9 - touchscreen
Graphics Controller	Intel Graphics - up to 6 TOPS
Camera	Yes
Networking	1GbE, 802.11a, 802.11b/g/n, Wi-Fi 5, Wi-Fi 6, Bluetooth, Wi-Fi 7
Keyboard	UK
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Software Included	HP Support Assistant, HP Hotkey Support, HP PC Hardware Diagnostics UEFI, HP Client Catalogue (free download), HP Setup Integrated OOBE, HP Image Assistant (free download), HP Notifications, HP Privacy Settings, HP Cloud Recovery, HP Client Management Script Library (free download), myHP, HSA Fusion for Commercial, HSA Telemetry for Commercial, HP Smart Support, HP Manageability Integration Kit (free download), HP Connect for Microsoft Endpoint Manager, HP Patch Assistant (free download), HP PC Hardware Diagnostics Windows, HP Services Scan, HP Driver Packs (free download), myHP with Multicamera support, Poly Lens
Microsoft Copilot	Yes
Colour	Pike silver
Dimensions (WxDxH)	53.96 cm x 5.25 cm x 31.94 cm
Weight	6.3 kg
Manufacturer Selling Program	HP Smart Buy
Environmental Standards	ENERGY STAR Qualified

Extended Specification

General

Platform Technology	Intel vPro Enterprise
Type	Personal computer
AI Level	AI PC
Product Form Factor	All-in-one
Built-in Devices	Speaker
Sensors	HP Tamper Lock
Colour	Pike silver
Localisation	Language: English / region: United Kingdom

Expansion / Connectivity

Slots	2 (total) / 1 (free) x M.2 Card - 2280 (for SSD) 1 (total) / 0 (free) x M.2 Card - 2230 (for WLAN)
Interfaces	1 x USB-C 3.2 Gen 2x2 (1 bottom) (15W charging) 1 x USB-C 3.2 Gen 2/ DisplayPort (1 rear) 2 x USB 3.2 Gen 2 - Type A 2 x USB 3.2 Gen 1 - Type A 1 x headphones/microphone (CTIA and OMTP headset support) 1 x LAN (Gigabit Ethernet) 1 x DisplayPort 2.1 1 x HDMI output 1 x Thunderbolt 4/USB4 (100W USB Power Delivery, KVM switch)

RAM

Installed Size	16 GB (installed) / 64 GB (max)
Technology	DDR5 SDRAM
Effective Memory Speed	5600 MT/s
Rated Memory Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots	2 (Total) / 1 (empty)
Configuration Features	1 x 16 GB

Networking

Interface (Bus) Type	PCI Express Mini Card (M.2)
Ethernet Controller	Intel I219-LM
Wireless LAN Supported	Yes
Wireless NIC	Intel WI-FI 7 BE200
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6), Bluetooth 5.4, IEEE 802.11be (Wi-Fi 7)
Features	Wake on LAN (WoL), ACPI support, auto-uplink (auto MDI/MDI-X), PXE 2.1 support, dual stream (2x2)
Compliant Standards	IEEE 802.3u, IEEE 802.3i, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.11d, IEEE 802.11i, Wi-Fi CERTIFIED, IEEE 802.11h, IEEE 802.11e, IEEE 802.11k, IEEE 802.3az, IEEE 802.11r, IEEE 802.11v

Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), chassis intrusion sensor
Security Slot Type	Kensington security slot
Compliant Standards	TCG Certified, MIL-STD 810H
Manufacturer Selling Program	HP Smart Buy

Power

Device Type	Power supply
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	280 Watt
Efficiency	93%
Power Factor Correction	Yes (active)

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	10 - 90% RH

Cache Memory

Installed Size	L3 Cache - 24 MB
Cache Per Processor	24 MB

Optical Storage

Type	No optical drive
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Operating System / Software

OS Provided	Windows 11 Pro English
Software	HP Support Assistant, HP Hotkey Support, HP PC Hardware Diagnostics UEFI, HP Client Catalogue (free download), HP Setup Integrated OOBE, HP Image Assistant (free download), HP Notifications, HP Privacy Settings, HP Cloud Recovery, HP Client Management Script Library (free download), myHP, HSA Fusion for Commercial, HSA Telemetry for Commercial, HP Smart Support, HP Manageability Integration Kit (free download), HP Connect for Microsoft Endpoint Manager, HP Patch Assistant (free download), HP PC Hardware Diagnostics Windows, HP Services Scan, HP Driver Packs (free download), myHP with Multicamera support, Poly Lens
Microsoft Copilot	Yes

Monitor

Monitor Type	LED - IPS
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Touchscreen	Yes (10-point multi-touch)
Diagonal Size	23.8"
Native Resolution	1920 x 1080 (Full HD)
V-Sync Rate at Max Res.	75 Hz
Widescreen Display	Yes
Image Aspect Ratio	16:9
Colour Gamut	72% NTSC
Pixel Pitch	0.2745 mm
Response Time	14 ms
Image Brightness	250 cd/m²
Image Contrast Ratio	1000:1
Monitor Features	Anti-glare, Projected Capacitive Touch (PCT) technology, Low Blue Light technology

Graphics Controller

Graphics Processor	Intel Graphics - up to 6 TOPS
Video Interfaces	HDMI, DisplayPort

Hard Drive

Type	SSD - M.2
Capacity	1 x 512 GB
Interface Type	PCI Express
Features	NVM Express (NVMe)

Input Device

Type	Mouse, keyboard
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Audio Input

Type	Dual array microphone
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Camera

Camera	Yes
Resolution (MP)	5 Megapixel
Features	HDR (High Dynamic Range), IR fixed camera (push-in)

Dimensions & Weight

Dimensions & Weight Details	53.96 cm - 5.25 cm - 31.94 cm - 6.3 kg - without stand
Width	53.96 cm
Depth	5.25 cm
Height	31.94 cm
Weight	6.3 kg

Dimensions & Weight (Shipping)

Shipping Width	75 cm
Shipping Depth	19.5 cm
Shipping Height	48 cm
Shipping Weight	15.44 kg

Keyboard

Keyboard Name	HP 725 Keyboard and Mouse Combo
Connectivity	Wireless
Localization & Layout	UK

Mouse

Mouse Name	HP 725
Connectivity	Wireless

Processor / Chipset

CPU	Intel Core Ultra 5 (Series 2) 235
Clock Speed	3.4 GHz
Max Turbo Speed	5 GHz
Number of Cores	14-core
CPU Qty	1
Max CPU Qty	1
L2 cache	26 MB
Processor Main Features	Intel Turbo Boost Technology 2, Intel Smart Cache, 14 Threads
Chipset Type	Intel Q870

Sustainability Information

ENERGY STAR Certified	Yes
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Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	13 TOPS
Total Processor Performance Up To (TOPS)	27 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

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