



## HP EliteBook 8 EB G1i 14 NGAI U5 228V 14i 32 (EN) Copilot+ PC Intel Core Ultra 5 Laptop 35.6 cm (14") WUXGA 32 GB LPDDR5x- SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver



**Brand :** HP

**Product family:** EliteBook

**Product code:** AD3T8ET#ABB

**Product name :** EB 8 G1i 14  
NGAI U5 228V 14i 32 (EN)

HP EliteBook 8 EB G1i 14 NGAI U5 228V 14i 32 (EN). Product type: Laptop, Form factor: Clamshell.  
Processor family: Intel Core Ultra 5, Processor model: 228V. Display diagonal: 35.6 cm (14"), HD type:  
WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type:  
LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model:  
Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.46 kg

| Design                               |                             | Audio                                             |                     |
|--------------------------------------|-----------------------------|---------------------------------------------------|---------------------|
| Colour name                          | Glacier silver              | Number of microphones                             | 2                   |
| Product type *                       | Laptop                      | Camera                                            |                     |
| Product colour *                     | Silver                      | Front camera                                      | ✓                   |
| Form factor *                        | Clamshell                   | Front camera resolution (numeric)                 | 5 MP                |
| Market positioning                   | Premium                     | Infrared (IR) camera                              | ✓                   |
| Introduction year                    | 2025                        | Network                                           |                     |
| Intel® vPro™ Platform Eligibility    | ✗                           | Wi-Fi                                             | ✓                   |
| Country of origin                    | China, Thailand             | Top Wi-Fi standard *                              | Wi-Fi 7 (802.11be)  |
| Original brand name                  | HP                          | Wi-Fi standards                                   | Wi-Fi 7 (802.11be)  |
| Display                              |                             | Mobile network connection *                       | ✗                   |
| Display diagonal *                   | 35.6 cm (14")               | Antenna type                                      | 2x2                 |
| Display resolution *                 | 1920 x 1200 pixels          | WLAN controller model                             | Intel Wi-Fi 7 BE201 |
| Touchscreen *                        | ✗                           | WLAN controller manufacturer                      | Intel               |
| HD type                              | WUXGA                       | Bluetooth                                         | ✓                   |
| Panel type                           | IPS                         | Bluetooth version                                 | 5.4                 |
| LED backlight                        | ✓                           | Ports & interfaces                                |                     |
| Anti-glare screen                    | ✓                           | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1                   |
| Display brightness                   | 300 cd/m <sup>2</sup>       | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity   | 1                   |
| Display diagonal (metric)            | 35.6 cm                     | USB4 Gen 3x2 ports quantity                       | 2                   |
| RGB colour space                     | sRGB                        | HDMI ports quantity *                             | 1                   |
| Colour gamut                         | 62.5%                       | HDMI version                                      | 2.1                 |
| sRGB coverage (typical)              | 62.5%                       | Thunderbolt 4 ports quantity                      | 2                   |
| Processor                            |                             | Intel® Thunderbolt 4                              | ✓                   |
| Processor manufacturer *             | Intel                       | Microphone in                                     | ✓                   |
| Processor family *                   | Intel Core Ultra 5          | Combo headphone/mic port                          | ✓                   |
| Processor generation                 | Intel Core Ultra (Series 2) | USB Type-C DisplayPort Alternate Mode             | ✓                   |
| Processor model *                    | 228V                        | USB Sleep-and-Charge                              | ✓                   |
| Processor cores                      | 8                           | USB Sleep-and-Charge ports                        | 3                   |
| Processor threads                    | 8                           |                                                   |                     |
| Processor boost frequency            | 4.5 GHz                     |                                                   |                     |
| Performance cores                    | 4                           |                                                   |                     |
| Low Power Efficient-cores            | 4                           |                                                   |                     |
| Performance-core Max Turbo Frequency | 4.5 GHz                     |                                                   |                     |

| Processor                                    |                                                | Performance                            |                                                                                                                                                                                                           |
|----------------------------------------------|------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Low Power Efficient-core Max Turbo Frequency | 3.5 GHz                                        | Temperature sensor                     | ✓                                                                                                                                                                                                         |
| Performance-core base frequency              | 2.1 GHz                                        | Hall sensor                            | ✓                                                                                                                                                                                                         |
| Low Power Efficient-core Base Frequency      | 2100 MHz                                       | Repairability index                    | 8.6                                                                                                                                                                                                       |
| Neural processor unit (NPU)                  |                                                | Keyboard                               |                                                                                                                                                                                                           |
| Copilot+ PC                                  | ✓                                              | Pointing device                        | Clickpad                                                                                                                                                                                                  |
| Neural processor unit (NPU)                  | Intel AI Boost                                 | Numeric keypad *                       | ✗                                                                                                                                                                                                         |
| Sparsity support                             | ✓                                              | Keyboard backlit                       | ✓                                                                                                                                                                                                         |
| Windows Studio effects support               | ✓                                              | Spill-resistant keyboard               | ✓                                                                                                                                                                                                         |
| AI software frameworks supported by NPU      | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Input device model                     | HP Premium Keyboard                                                                                                                                                                                       |
| Total processor performance up to            | 97 TOPs                                        | Copilot key                            | ✓                                                                                                                                                                                                         |
| NPU performance up to                        | 40 TOPs                                        | Software                               |                                                                                                                                                                                                           |
| GPU performance up to                        | 53 TOPs                                        | Microsoft Copilot                      | ✓                                                                                                                                                                                                         |
| Memory                                       |                                                | Operating system installed *           | Windows 11 Pro                                                                                                                                                                                            |
| Internal memory *                            | 32 GB                                          | Processor special features             |                                                                                                                                                                                                           |
| Internal memory type                         | LPDDR5x-SDRAM                                  | Intel® Turbo Boost Technology          | ✓                                                                                                                                                                                                         |
| Memory clock speed                           | 8533 MHz                                       | Brand-specific features                |                                                                                                                                                                                                           |
| Memory form factor                           | On-board                                       | HP speaker type                        | HP Dual Speakers                                                                                                                                                                                          |
| Memory layout (slots x size)                 | Not available                                  | HP front camera                        | HP Webcam 5MP                                                                                                                                                                                             |
| Maximum internal memory *                    | 32 GB                                          | HP segment                             | Business                                                                                                                                                                                                  |
| Storage                                      |                                                | Battery                                |                                                                                                                                                                                                           |
| Total storage capacity *                     | 512 GB                                         | Battery technology                     | Lithium Polymer (LiPo)                                                                                                                                                                                    |
| Storage media *                              | SSD                                            | Number of battery cells                | 3                                                                                                                                                                                                         |
| Total SSDs capacity                          | 512 GB                                         | Battery capacity *                     | 62 Wh                                                                                                                                                                                                     |
| Number of SSDs installed                     | 1                                              | Fast charging                          | ✓                                                                                                                                                                                                         |
| SSD capacity                                 | 512 GB                                         | Fast charging time (50%)               | 30 min                                                                                                                                                                                                    |
| SSD interface                                | PCI Express                                    | Power                                  |                                                                                                                                                                                                           |
| NVMe                                         | ✓                                              | AC adapter power                       | 65 W                                                                                                                                                                                                      |
| Optical drive type *                         | ✗                                              | AC adapter frequency                   | 50 - 60 Hz                                                                                                                                                                                                |
| Graphics                                     |                                                | AC adapter input voltage               | 100 - 240 V                                                                                                                                                                                               |
| Discrete graphics card model *               | Not available                                  | USB Type-C charging port *             | ✓                                                                                                                                                                                                         |
| On-board graphics card *                     | ✓                                              | USB Power Delivery (USB PD)            | ✓                                                                                                                                                                                                         |
| On-board GPU manufacturer                    | Intel                                          | Security                               |                                                                                                                                                                                                           |
| Discrete graphics card *                     | ✗                                              | Fingerprint reader                     | ✓                                                                                                                                                                                                         |
| On-board graphics card family                | Intel Arc Graphics                             | Password protection                    | ✓                                                                                                                                                                                                         |
| On-board graphics card model *               | Intel Arc Graphics                             | Password protection type               | BIOS, Power on                                                                                                                                                                                            |
| Audio                                        |                                                | Certificates                           |                                                                                                                                                                                                           |
| Built-in speaker(s)                          | ✓                                              | Compliance certificates                | GS mark, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI                                                                                                                                     |
| Number of built-in speakers                  | 2                                              | Sustainability                         |                                                                                                                                                                                                           |
| Built-in microphone                          | ✓                                              | Sustainability compliance              | ✓                                                                                                                                                                                                         |
|                                              |                                                | Sustainability certificates            | ENERGY STAR, EPEAT, TCO, TCO10                                                                                                                                                                            |
|                                              |                                                | Sustainable technologies and materials | At least 80% recycled metal; Product Carbon Footprint; HP paper-based packaging is from recycled or certified sources; At least 50% post-consumer recycled plastic; Low halogen; Bulk packaging available |
|                                              |                                                | Weight & dimensions                    |                                                                                                                                                                                                           |
|                                              |                                                | Width                                  | 315.6 mm                                                                                                                                                                                                  |
|                                              |                                                | Depth                                  | 222 mm                                                                                                                                                                                                    |
|                                              |                                                | Height (front)                         | 1.17 cm                                                                                                                                                                                                   |
|                                              |                                                | Height (rear)                          | 1.55 cm                                                                                                                                                                                                   |
|                                              |                                                | Weight *                               | 1.46 kg                                                                                                                                                                                                   |

| Packaging content |          |
|-------------------|----------|
| Keyboard included | ✓        |
| Other features    |          |
| UNSPSC-code       | 43211503 |



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