



## HP EliteBook 640 G11 Intel Core Ultra 5 135U Laptop 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

**Brand :** HP

**Product family:** EliteBook

**Product code:** BH6V4EC

**Product name :** 640 G11

- Intel Core Ultra 5 135U (up to 4.4 GHz with Intel Turbo Boost Technology, 12 MB L3 cache, 10 cores, 14 threads)
  - Windows 11 Pro
  - 14" diagonal, WUXGA (1920 x 1200), IPS, narrow bezel, anti-glare, 300 nits, 45% NTSC
  - Intel Graphics
  - 16 GB DDR5-5600 MT/s (2 x 8 GB), 512 GB PCIe NVMe SSD
- HP EliteBook 640 14 inch G11 Notebook PC, 14", Windows 11 Pro, Intel Core™ Ultra 5, 16GB RAM, 512GB SSD, WUXGA

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### Empowering the hybrid workforce

The right AI-enhanced PC is essential for any workforce. The secure and easy to manage HP EliteBook 640 provides a wide range of configurable features with the latest Intel processor, robust memory, and rich collaboration features that allows for easy standardization within existing IT environments.



| Design                               |                               | Graphics                                          |                      |
|--------------------------------------|-------------------------------|---------------------------------------------------|----------------------|
| Product type *                       | Laptop                        | Discrete graphics card *                          | ✗                    |
| Product colour *                     | Silver                        | On-board graphics card family                     | Intel® Graphics      |
| Form factor *                        | Clamshell                     | On-board graphics card model *                    | Intel® Graphics      |
| Market positioning                   | Premium                       |                                                   |                      |
| Introduction year                    | 2025                          |                                                   |                      |
| Display                              |                               | Audio                                             |                      |
| Display diagonal *                   | 35.6 cm (14")                 | Number of built-in speakers                       | 2                    |
| Display resolution *                 | 1920 x 1200 pixels            | Built-in microphone                               | ✓                    |
| Touchscreen *                        | ✗                             | Number of microphones                             | 2                    |
| HD type                              | WUXGA                         | Camera                                            |                      |
| Panel type                           | IPS                           | Front camera                                      | ✓                    |
| LED backlight                        | ✓                             | Front camera resolution (numeric)                 | 5 MP                 |
| Anti-glare screen                    | ✓                             | Infrared (IR) camera                              | ✓                    |
| Display brightness                   | 300 cd/m²                     | Network                                           |                      |
| Display diagonal (metric)            | 35.6 cm                       | Mobile network generation                         | 4G                   |
| RGB colour space                     | NTSC                          | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax)  |
| Colour gamut                         | 45%                           | Wi-Fi standards                                   | Wi-Fi 6E (802.11ax)  |
| Processor                            |                               | Mobile network connection *                       | ✓                    |
| Processor manufacturer *             | Intel                         | Antenna type                                      | 2x2                  |
| Processor family *                   | Intel Core Ultra 5            | WLAN controller model                             | Intel Wi-Fi 6E AX211 |
| Processor generation                 | Intel® Core™ Ultra (Series 1) | WLAN controller manufacturer                      | Intel                |
| Processor model *                    | 135U                          | Ethernet LAN                                      | ✓                    |
| Processor cores                      | 12                            | Ethernet LAN data rates                           | 10,1000,100 Mbit/s   |
| Processor threads                    | 14                            | Bluetooth                                         | ✓                    |
| Processor boost frequency            | 4.4 GHz                       | Bluetooth version                                 | 5.3                  |
| Performance cores                    | 2                             | Near Field Communication (NFC)                    | ✓                    |
| Efficient cores                      | 8                             | Ports & interfaces                                |                      |
| Low Power Efficient-cores            | 2                             | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                    |
| Performance-core Max Turbo Frequency | 4.4 GHz                       | Ethernet LAN (RJ-45) ports                        | 1                    |
| Efficient-core Max Turbo Frequency   | 3.6 GHz                       | HDMI ports quantity *                             | 1                    |

| Processor                                    |                                         | Ports & interfaces                    |                      |
|----------------------------------------------|-----------------------------------------|---------------------------------------|----------------------|
| Low Power Efficient-core Max Turbo Frequency | 2.1 GHz                                 | HDMI version                          | 2.1                  |
| Performance-core base frequency              | 1.6 GHz                                 | Thunderbolt 4 ports quantity          | 2                    |
| Efficient-core base frequency                | 1.1 GHz                                 | Combo headphone/mic port              | ✓                    |
| Low Power Efficient-core Base Frequency      | 700 MHz                                 | USB Type-C DisplayPort Alternate Mode | ✓                    |
| Processor cache                              | 12 MB                                   | Keyboard                              |                      |
| Processor cache type                         | Smart Cache                             | Pointing device                       | Clickpad             |
| Processor base power                         | 15 W                                    | Numeric keypad *                      | ✗                    |
| Maximum turbo power                          | 57 W                                    | Keyboard backlit                      | ✓                    |
| Neural processor unit (NPU)                  |                                         | Spill-resistant keyboard              | ✓                    |
| Neural processor unit (NPU)                  | Intel AI Boost                          | Copilot key                           | ✓                    |
| Maximum frequency NPU                        | 1.4 GHz                                 | Software                              |                      |
| Sparsity support                             | ✓                                       | Microsoft Copilot                     | ✓                    |
| Windows Studio effects support               | ✓                                       | Operating system installed *          | Windows 11 Pro       |
| AI software frameworks supported by NPU      | DirectML, ONNX RT, OpenVINO, Windows ML | Brand-specific features               |                      |
| Memory                                       |                                         | HP speaker type                       | HP Dual Speakers     |
| Internal memory *                            | 16 GB                                   | HP front camera                       | HP Webcam 5MP        |
| Internal memory type                         | DDR5-SDRAM                              | HP segment                            | Business             |
| Memory clock speed                           | 5600 MHz                                | Battery                               |                      |
| Memory form factor                           | SO-DIMM                                 | Battery technology                    | Lithium-Ion (Li-Ion) |
| Memory layout (slots x size)                 | 2 x 8 GB                                | Number of battery cells               | 3                    |
| Memory slots                                 | 2x SO-DIMM                              | Battery capacity *                    | 56 Wh                |
| Maximum internal memory *                    | 64 GB                                   | Fast charging                         | ✓                    |
| Storage                                      |                                         | Fast charging time (50%)              | 30 min               |
| Total storage capacity *                     | 512 GB                                  | Power                                 |                      |
| Storage media *                              | SSD                                     | AC adapter power                      | 65 W                 |
| Total SSDs capacity                          | 512 GB                                  | AC adapter frequency                  | 50 - 60 Hz           |
| Number of SSDs installed                     | 1                                       | AC adapter input voltage              | 100 - 240 V          |
| SSD capacity                                 | 512 GB                                  | USB Power Delivery (USB PD)           | ✓                    |
| Optical drive type *                         | ✗                                       | Weight & dimensions                   |                      |
| Graphics                                     |                                         | Width                                 | 318.6 mm             |
| Discrete graphics card model *               | Not available                           | Depth                                 | 224.4 mm             |
| On-board graphics card *                     | ✓                                       | Height (front)                        | 1.09 cm              |
| On-board GPU manufacturer                    | Intel                                   | Height (rear)                         | 1.7 cm               |
|                                              |                                         | Weight *                              | 1.39 kg              |
|                                              |                                         | Packaging data                        |                      |
|                                              |                                         | Package width                         | 69 mm                |
|                                              |                                         | Package depth                         | 449 mm               |
|                                              |                                         | Package height                        | 305 mm               |

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Publication date: 12-APR-2026. Prints or copies of Information are only valid on the printed Publication date