



HP EliteBook 840 G9 Intel® Core™ i5 i5-1235U Laptop 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver



Brand : HP

Product family: EliteBook

Product code: 5Z6D5EA#ABH

Product name : 840 G9

HP EliteBook 840 G9. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1235U, Processor frequency: 1.3 GHz. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver

| Design | | Network | |
|---------------------------|--------------------------|---|------------------------|
| Product type * | Laptop | Bluetooth | ✓ |
| Product colour * | Silver | Bluetooth version | 5.3 |
| Form factor * | Clamshell | Ports & interfaces | |
| Market positioning | Premium | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Introduction year | 2022 | HDMI ports quantity * | 1 |
| Country of origin | China | HDMI version | 2.0 |
| Original brand name | HP | Thunderbolt 4 ports quantity | 2 |
| Display | | USB Type-C DisplayPort Alternate Mode | ✓ |
| Display diagonal * | 35.6 cm (14") | Keyboard | |
| Display resolution * | 1920 x 1200 pixels | Keyboard special features | Morsbestendig |
| Touchscreen * | ✗ | Pointing device | Clickpad |
| HD type | WUXGA | Numeric keypad * | ✗ |
| Panel type | IPS | Keyboard backlit | ✓ |
| LED backlight | ✓ | Spill-resistant keyboard | ✓ |
| Native aspect ratio | 16:9 | Keyboard layout | QWERTY |
| Anti-glare screen | ✓ | Input device model | HP Premium toetsenbord |
| Display brightness | 1000 cd/m ² | Software | |
| Display diagonal (metric) | 35.6 cm | Windows 11 free upgrade | ✓ |
| RGB colour space | sRGB | Operating system installed * | Windows 11 Pro |
| Colour gamut | 100% | Processor special features | |
| Processor | | Intel Flex Memory Access | ✓ |
| Processor manufacturer * | Intel | Intel Trusted Execution Technology | ✓ |
| Processor family * | Intel® Core™ i5 | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Processor generation | 12th gen Intel® Core™ i5 | Execute Disable Bit | ✓ |
| Processor model * | i5-1235U | CPU configuration (max) | 1 |
| Processor cores | 10 | Embedded options available | ✗ |
| Processor threads | 12 | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Processor boost frequency | 4.4 GHz | Intel Virtualization Technology (VT-x) | ✓ |
| Processor frequency * | 1.3 GHz | | |
| Processor cache | 12 MB | | |
| Processor cache type | L3 | | |
| Configurable TDP-down | 12 W | | |

| | | | |
|--|------------------------|---------------------------------------|----------------------|
| Memory | | Brand-specific features | |
| Internal memory * | 16 GB | HP Sure View | ✓ |
| Internal memory type | DDR5-SDRAM | HP speaker type | HP Dual Speakers |
| Memory clock speed | 4800 MHz | HP Connection Optimizer | ✓ |
| Memory form factor | SO-DIMM | HP Support Assistant | ✓ |
| Memory layout (slots x size) | 1 x 16 GB | HP front camera | HP Webcam 5MP |
| Memory slots | 2x SO-DIMM | HP segment | Business |
| Maximum internal memory * | 64 GB | Battery | |
| Number of free internal memory expansion slots | 1 | Battery technology | Lithium-Ion (Li-Ion) |
| ECC | ✗ | Number of battery cells | 3 |
| Non-ECC | ✓ | Battery capacity * | 51 Wh |
| Storage | | Power | |
| Total storage capacity * | 256 GB | AC adapter power | 65 W |
| Storage media * | SSD | AC adapter frequency | 50 - 60 Hz |
| Total SSDs capacity | 256 GB | AC adapter input voltage | 100 - 240 V |
| Number of SSDs installed | 1 | USB Type-C charging port * | ✓ |
| SSD capacity | 256 GB | USB Power Delivery (USB PD) | ✓ |
| SSD interface | PCI Express | Security | |
| NVMe | ✓ | Cable lock slot | ✓ |
| SSD form factor | M.2 | Fingerprint reader | ✓ |
| Optical drive type * | ✗ | Trusted Platform Module (TPM) | ✓ |
| Card reader integrated | ✗ | Trusted Platform Module (TPM) version | 2.0 |
| Graphics | | Password protection | ✓ |
| Discrete graphics card model * | Not available | Password protection type | BIOS, Power on, User |
| On-board graphics card * | ✓ | Certificates | |
| On-board GPU manufacturer | Intel | Low halogen | ✓ |
| Discrete graphics card * | ✗ | Compliance certificates | GS mark |
| On-board graphics card family | Intel Iris Xe Graphics | Sustainability | |
| On-board graphics card model * | Intel Iris Xe Graphics | Sustainability compliance | ✓ |
| Audio | | Sustainability certificates | ENERGY STAR, TCO |
| Audio system | B&O PLAY | Weight & dimensions | |
| Built-in speaker(s) | ✓ | Width | 315.6 mm |
| Number of built-in speakers | 2 | Depth | 224 mm |
| Speakers manufacturer | Bang & Olufsen | Height | 19.2 mm |
| Built-in microphone | ✓ | Weight * | 1.36 kg |
| Number of microphones | 2 | Packaging data | |
| Camera | | Package width | 69 mm |
| Front camera | ✓ | Package depth | 449 mm |
| Front camera resolution (numeric) | 5 MP | Package height | 305 mm |
| Network | | Packaging content | |
| Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) | Keyboard included | ✓ |
| Wi-Fi standards | Wi-Fi 6E (802.11ax) | Stylus pen | ✗ |
| Mobile network connection * | ✗ | Logistics data | |
| Antenna type | 2x2 | Harmonized System (HS) code | 84713000 |
| WLAN controller model | Intel Wi-Fi 6E AX211 | Other features | |
| WLAN controller manufacturer | Intel | Number of speakers | 2 |
| Ethernet LAN | ✗ | | |

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