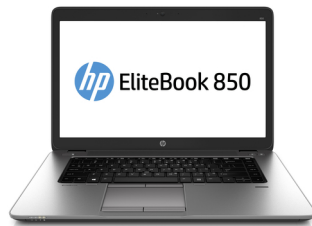
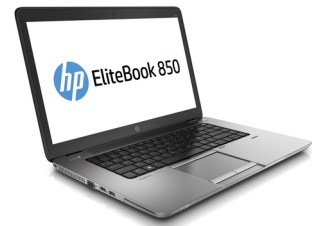




HP EliteBook 850 G1 Intel® Core™ i5 i5-4200U Laptop 39,6 cm (15.6") 4 GB DDR3L-SDRAM 500 GB HDD Windows 7 Professional Black, Silver



Brand : HP

Product family: EliteBook

Product code: D8H44AV

Product name : 850 G1

Intel Core i5-4200U Processor (3M Cache, up to 2.60 GHz), 4GB DDR3 1600MHz, 500GB SATA HDD, 32GB Flash, 15.6" HD LED 1366 x 768, Gigabit LAN, WLAN, Bluetooth, WebCam, Windows 7 Professional 32-bit / Windows 8.1 Pro

HP EliteBook 850 G1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-4200U, Processor frequency: 1,6 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 7 Professional. Product colour: Black, Silver. Weight: 1,88 kg

| Design | | Software | |
|---------------------------|----------------------------------|--|------------------------|
| Product type * | Laptop | Recovery operating system | Windows 8.1 Pro |
| Product colour * | Black, Silver | Drivers included | ✓ |
| Form factor * | Clamshell | Operating system installed * | Windows 7 Professional |
| Country of origin | China | Processor special features | |
| Display | | Intel® Wireless Display (Intel® WiDi) | ✓ |
| Display diagonal * | 39,6 cm (15.6") | Intel® My WiFi Technology (Intel® MWT) | ✓ |
| Display resolution * | 1366 x 768 pixels | Intel Smart Connect Technology | ✓ |
| Touchscreen * | ✗ | Intel® Anti-Theft Technology (Intel® AT) | ✓ |
| HD type | Not supported | Intel® Identity Protection Technology (Intel® IPT) | ✓ |
| LED backlight | ✓ | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| Native aspect ratio | 16:9 | Intel® Turbo Boost Technology | 2.0 |
| Display surface | Matt | Intel® Matrix Storage Technology (Intel® MST) | ✗ |
| Processor | | Intel® High Definition Audio (Intel® HD Audio) | ✓ |
| Processor manufacturer * | Intel | Enhanced Intel SpeedStep Technology | ✓ |
| Processor family * | Intel® Core™ i5 | Intel® Clear Video HD Technology (Intel® CVT HD) | ✓ |
| Processor generation | 4th gen Intel® Core™ i5 | Intel Clear Video Technology | ✗ |
| Processor model * | i5-4200U | Intel® InTru™ 3D Technology | ✓ |
| Processor cores | 2 | Intel® Insider™ | ✓ |
| Processor threads | 4 | Intel® Quick Sync Video Technology | ✓ |
| Processor boost frequency | 2,6 GHz | Intel Flex Memory Access | ✗ |
| Processor frequency * | 1,6 GHz | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Processor cache | 3 MB | Intel Trusted Execution Technology | ✗ |
| Processor cache type | Smart Cache | Intel Enhanced Halt State | ✓ |
| Processor socket | BGA 1168 | | |
| Processor lithography | 22 nm | | |
| Processor operating modes | 64-bit | | |
| Processor series | Intel Core i5-4200 Mobile series | | |
| Processor codename | Haswell | | |
| Bus type | DMI2 | | |
| FSB Parity | ✗ | | |
| Stepping | C0 | | |

| Processor | | Processor special features | |
|--|-------------------------|---|----------------------|
| Thermal Design Power (TDP) | 15 W | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Tjunction | 100 °C | Intel Demand Based Switching | ✗ |
| Maximum number of PCI Express lanes | 12 | Intel® Secure Key | ✓ |
| PCI Express slots version | 2.0 | Intel TSX-NI | ✗ |
| PCI Express configurations | 1x4, 2x4 | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✗ |
| ECC supported by processor | ✗ | Intel 64 | ✓ |
| Memory | | Execute Disable Bit | ✓ |
| Internal memory * | 4 GB | Idle States | ✓ |
| Internal memory type | DDR3L-SDRAM | Thermal Monitoring Technologies | ✓ |
| Memory clock speed | 1600 MHz | Processor package size | 40 x 24 x 1.5 mm |
| Memory form factor | SO-DIMM | Supported instruction sets | AVX 2.0 |
| Memory layout (slots x size) | 1 x 4 GB | Processor code | SR170 |
| Memory slots | 2x SO-DIMM | CPU configuration (max) | 1 |
| Maximum internal memory * | 16 GB | Embedded options available | ✗ |
| Storage | | Intel Virtualization Technology for Directed I/O (VT-d) | ✗ |
| Total storage capacity * | 500 GB | Intel Smart Connect Technology version | 1,00 |
| Storage media * | HDD | Intel Identity Protection Technology version | 1,00 |
| Number of HDDs installed | 1 | Intel Secure Key Technology version | 1,00 |
| HDD capacity | 500 GB | Intel ME Firmware Version | 9.5 |
| HDD interface | SATA | Intel TSX-NI version | 0,00 |
| HDD speed | 7200 RPM | Intel Virtualization Technology (VT-x) | ✓ |
| HDD size | 2.5" | Intel Dual Display Capable Technology | ✗ |
| Number of SSDs installed | 1 | Intel FDI Technology | ✗ |
| SSD capacity | 32 GB | Intel Rapid Storage Technology | ✓ |
| Optical drive type * | ✗ | Intel Fast Memory Access | ✗ |
| Card reader integrated | ✓ | Processor ARK ID | 75459 |
| Compatible memory cards | SD, SDHC, SDXC | Conflict-Free processor | ✓ |
| Graphics | | Battery | |
| Discrete graphics card model * | Not available | Battery technology | Lithium-Ion (Li-Ion) |
| On-board graphics card * | ✓ | Number of battery cells | 3 |
| Discrete graphics card * | ✗ | Battery capacity | 4400 mAh |
| On-board graphics card family | Intel® HD Graphics | Battery capacity * | 50 Wh |
| On-board graphics card model * | Intel® HD Graphics 4400 | Battery voltage | 11,1 V |
| On-board graphics card base frequency | 200 MHz | Power | |
| On-board graphics card dynamic frequency (max) | 1000 MHz | AC adapter power | 65 W |
| Maximum on-board graphics card memory | 1,74 GB | AC adapter frequency | 50 - 60 Hz |
| On-board graphics card DirectX version | 12 | AC adapter input voltage | 100 - 240 V |
| On-board graphics card ID | 0xA16 | DC-in jack | ✓ |
| Number of discrete graphics cards supported | 1 | Security | |
| Audio | | Cable lock slot | ✓ |
| Audio system | DTS Studio Sound | Password protection | ✓ |
| Number of built-in speakers | 2 | Operational conditions | |
| Built-in microphone | ✓ | Operating temperature (T-T) | 5 - 35 °C |
| Camera | | Storage temperature (T-T) | -15 - 60 °C |
| Front camera | ✓ | Operating relative humidity (H-H) | 20 - 85% |
| Network | | Storage relative humidity (H-H) | 10 - 90% |
| Wi-Fi | ✓ | Operating altitude | 0 - 3050 m |
| Wi-Fi standards | Wi-Fi 5 (802.11ac) | Non-operating altitude | 0 - 4570 m |
| Ethernet LAN | ✓ | Sustainability | |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Sustainability certificates | ENERGY STAR |
| Bluetooth | ✓ | | |
| Bluetooth version | 4.0 | | |

| Ports & interfaces | | Weight & dimensions | |
|---|---------------------------|--|------------|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Width | 375,5 mm |
| Ethernet LAN (RJ-45) ports | 1 | Depth | 253,6 mm |
| DisplayPorts quantity | 1 | Height | 21,4 mm |
| DVI port | ✗ | Weight * | 1,88 kg |
| VGA (D-Sub) ports quantity | 1 | Packaging content | |
| S/PDIF out port | ✗ | AC adapter included * | ✓ |
| Microphone in | ✗ | Manual | ✓ |
| Combo headphone/mic port | ✓ | Quick start guide | ✓ |
| Docking connector | ✓ | Warranty card | ✓ |
| ExpressCard slot | ✗ | Power cord included | ✓ |
| CardBus PCMCIA slot type | ✗ | Other features | |
| SmartCard slot | ✗ | LightScribe | ✗ |
| Total number of SATA connectors | 4 | 3D | ✗ |
| Number of SATA III connectors | 4 | Maximum internal memory (64-bit) | 16 GB |
| USB Sleep-and-Charge | ✓ | Intel® Virtualization Technology (Intel® VT) | VT-x |
| USB Sleep-and-Charge ports | 1 | Intel segment tagging | Enterprise |
| Keyboard | | | |
| Pointing device | Touchpad + Pointing Stick | | |
| Numeric keypad * | ✗ | | |
| Spill-resistant keyboard | ✓ | | |
| Windows keys | ✓ | | |
| Software | | | |
| Operating system architecture | 32-bit | | |

Catalog Object Cloud



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