



DELL Latitude E7450 Intel® Core™ i7 i7-5600U Laptop 35,6 cm (14") Full HD 8 GB DDR3L-SDRAM 256 GB SSD 802.11ad Windows 7 Professional Black

Brand : DELL

Product family: Latitude

Product code: 7450-6997

Product name : E7450



14" (1920 x 1080, LED), Intel Core i7-5600U, 8GB (DDR3L), 256GB (SSD), Intel HD Graphics 5500, Windows 7 Professional (64 bit) / Windows 8.1, 802.11 a/b/g/n/ac/ad, Bluetooth 4.0 LE, 3 x USB 3.0, 1 x HDMI, 1 x LAN, 1 x Mini DisplayPort, 1.56 kg

DELL Latitude E7450. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-5600U, Processor frequency: 2,6 GHz. Display diagonal: 35,6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 5500. Operating system installed: Windows 7 Professional. Product colour: Black



| Design | | Processor special features | |
|---------------------------|----------------------------------|--|-----|
| Product type * | Laptop | Intel Smart Connect Technology | ✗ |
| Product colour * | Black | Intel® Anti-Theft Technology (Intel® AT) | ✗ |
| Form factor * | Clamshell | Intel® Rapid Start Technology | ✗ |
| Housing material | Magnesium | Intel® Smart Response Technology | ✓ |
| Market positioning | Business | Intel® Identity Protection Technology (Intel® IPT) | ✓ |
| Display | | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| Display diagonal * | 35,6 cm (14") | Intel® Turbo Boost Technology | 2.0 |
| Display resolution * | 1920 x 1080 pixels | Intel® Small Business Advantage (Intel® SBA) | ✓ |
| Touchscreen * | ✗ | Intel® Matrix Storage Technology (Intel® MST) | ✗ |
| HD type | Full HD | Intel® High Definition Audio (Intel® HD Audio) | ✗ |
| LED backlight | ✓ | Intel® Active Management Technology (Intel® AMT) | ✗ |
| Native aspect ratio | 16:9 | Enhanced Intel SpeedStep Technology | ✓ |
| Display brightness | 300 cd/m² | Intel® Built-in Visuals Technology | ✓ |
| Pixel pitch | 0,161 x 0,161 mm | Intel HD Graphics | ✓ |
| Processor | | Intel® Clear Video HD Technology (Intel® CVT HD) | ✓ |
| Processor manufacturer * | Intel | Intel Clear Video Technology | ✓ |
| Processor family * | Intel® Core™ i7 | Intel® InTru™ 3D Technology | ✓ |
| Processor generation | 5th gen Intel® Core™ i7 | Intel® Insider™ | ✓ |
| Processor model * | i7-5600U | Intel® Quick Sync Video Technology | ✓ |
| Processor cores | 2 | Intel Flex Memory Access | ✓ |
| Processor threads | 4 | Intel® Smart Cache | ✓ |
| Processor boost frequency | 3,2 GHz | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Processor frequency * | 2,6 GHz | | |
| System bus rate | 5 GT/s | | |
| Processor cache | 4 MB | | |
| Processor cache type | L3 | | |
| Processor socket | BGA 1168 | | |
| Processor lithography | 14 nm | | |
| Processor operating modes | 32-bit, 64-bit | | |
| Processor series | Intel Core i7-5600 Mobile Series | | |

| Processor | | Processor special features | |
|--|-------------------------|---|-------------------------|
| Processor codename | Broadwell | Intel Trusted Execution Technology | ✓ |
| Bus type | DMI2 | Intel Enhanced Halt State | ✓ |
| FSB Parity | ✗ | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Stepping | F0 | Intel Demand Based Switching | ✗ |
| Thermal Design Power (TDP) | 15 W | Intel® Secure Key | ✓ |
| Configurable TDP-down | 7,5 W | Intel TSX-NI | ✓ |
| Configurable TDP-down frequency | 0,6 GHz | Intel Stable Image Platform Program (SIPP) | ✓ |
| Tjunction | 105 °C | Intel® OS Guard | ✓ |
| Maximum number of PCI Express lanes | 12 | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✓ |
| PCI Express slots version | 2.0 | Intel 64 | ✓ |
| PCI Express configurations | 4x1, 2x4 | Execute Disable Bit | ✓ |
| ECC supported by processor | ✗ | Idle States | ✓ |
| Memory | | Thermal Monitoring Technologies | ✓ |
| Internal memory * | 8 GB | Processor package size | 40 x 24 x 1.3 mm |
| Internal memory type | DDR3L-SDRAM | Supported instruction sets | AVX 2.0, SSE4.1, SSE4.2 |
| Memory clock speed | 1600 MHz | Processor code | SR23V |
| Memory form factor | SO-DIMM | CPU configuration (max) | 1 |
| Memory slots | 2x SO-DIMM | Embedded options available | ✗ |
| Maximum internal memory * | 16 GB | Graphics & IMC lithography | 14 nm |
| Storage | | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Total storage capacity * | 256 GB | Intel Identity Protection Technology version | 1,00 |
| Storage media * | SSD | Intel Smart Response Technology version | 1,00 |
| Number of SSDs installed | 1 | Intel Stable Image Platform Program (SIPP) version | 1,00 |
| Solid-state drive capacity | 256 GB | Intel Secure Key Technology version | 1,00 |
| Solid-state drive interface | SATA III | Intel Small Business Advantage (SBA) version | 1,00 |
| Optical drive type * | ✗ | Intel TSX-NI version | 1,00 |
| Card reader integrated | ✓ | Intel Virtualization Technology (VT-x) | ✓ |
| Compatible memory cards | SD | Intel Dual Display Capable Technology | ✗ |
| Graphics | | Intel FDI Technology | ✓ |
| Discrete graphics card model * | Not available | Intel Rapid Storage Technology | ✗ |
| On-board graphics card * | ✓ | Intel Fast Memory Access | ✓ |
| Discrete graphics card * | ✗ | Processor ARK ID | 85215 |
| On-board graphics card family | Intel® HD Graphics | Conflict-Free processor | ✓ |
| On-board graphics card model * | Intel® HD Graphics 5500 | Battery | |
| On-board graphics card base frequency | 300 MHz | Battery technology | Lithium Polymer (LiPo) |
| On-board graphics card dynamic frequency (max) | 950 MHz | Number of battery cells | 4 |
| Maximum on-board graphics card memory | 16 GB | Battery capacity * | 54 Wh |
| On-board graphics card DirectX version | 11.2 | Battery voltage | 7,4 V |
| On-board graphics card ID | 0x1616 | Power | |
| Number of discrete graphics cards supported | 1 | AC adapter frequency | 50 - 60 Hz |
| Audio | | AC adapter input voltage | 100 - 240 V |
| Audio system | HD | DC-in jack | ✓ |
| Number of built-in speakers | 2 | Security | |
| Speaker power | 2 W | Cable lock slot | ✓ |
| Built-in microphone | ✓ | Fingerprint reader | ✓ |
| Camera | | Trusted Platform Module (TPM) | ✓ |
| Front camera | ✓ | Operational conditions | |
| Network | | | |
| Wi-Fi | ✓ | | |
| Top Wi-Fi standard * | 802.11ad | | |

| Network | | Operational conditions | |
|---|--|--|-----------------|
| Wi-Fi standards | 802.11a, Wi-Fi 5 (802.11ac), 802.11ad, 802.11b, 802.11g, Wi-Fi 4 (802.11n) | Operating temperature (T-T) | 0 - 60 °C |
| Ethernet LAN | ✓ | Storage temperature (T-T) | -51 - 71 °C |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Operating relative humidity (H-H) | 10 - 90% |
| Bluetooth | ✓ | Storage relative humidity (H-H) | 5 - 95% |
| Bluetooth version | 4.0 | Operating altitude | -15,2 - 3048 m |
| Bluetooth Low Energy (BLE) | ✓ | Non-operating altitude | -15,2 - 10668 m |
| Ports & interfaces | | Sustainability | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3 | Sustainability certificates | ENERGY STAR |
| Ethernet LAN (RJ-45) ports | 1 | Weight & dimensions | |
| HDMI ports quantity * | 1 | Width | 337 mm |
| Mini DisplayPorts quantity | 1 | Depth | 231,5 mm |
| DVI port | ✗ | Height | 20,4 mm |
| S/PDIF out port | ✗ | Weight * | 1,56 kg |
| Microphone in | ✗ | Packaging content | |
| Combo headphone/mic port | ✓ | AC adapter included * | ✓ |
| ExpressCard slot | ✗ | Manual | ✓ |
| CardBus PCMCIA slot type | ✗ | Power cord included | ✓ |
| SmartCard slot | ✓ | Other features | |
| USB Sleep-and-Charge | ✓ | LightScribe | ✗ |
| USB Sleep-and-Charge ports | 1 | Maximum internal memory (64-bit) | 16 GB |
| Performance | | Intel® Virtualization Technology (Intel® VT) | VT-d, VT-x |
| Motherboard chipset | Intel Wildcat Point-LP | Intel segment tagging | Enterprise |
| Keyboard | | | |
| Pointing device | Touchpad | | |
| Numeric keypad * | ✗ | | |
| Keyboard backlit | ✓ | | |
| Windows keys | ✓ | | |
| Software | | | |
| Operating system architecture | 64-bit | | |
| Recovery operating system | Windows 8.1 | | |
| Operating system installed * | Windows 7 Professional | | |
| Processor special features | | | |
| Intel® Wireless Display (Intel® WiDi) | ✓ | | |
| Intel® My WiFi Technology (Intel® MWT) | ✗ | | |



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Catalog Object Cloud



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