



**DELL Latitude E5450 Intel® Core™ i7 i7-5600U Laptop 35.6 cm (14") Full HD 8 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® 840M Windows 7 Professional Black**

**Brand :** DELL

**Product family:** Latitude

**Product code:** 5450-7485

**Product name :** E5450

14" (1920 x 1080, LED), Intel Core i7-5600U, 8GB (DDR3L), 500GB (HDD), NVIDIA GeForce 840M (2GB), Wi-Fi, Bluetooth 4.0 LE, Windows 7 Professional (64 bit) / Windows 8.1, 3 x USB 3.0, 1 x VGA, 1 x HDMI, 1.81 kg

DELL Latitude E5450. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: 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: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 5500. Operating system installed: Windows 7 Professional. Product colour: Black



| Design                        |                         | Keyboard                                     |                        |
|-------------------------------|-------------------------|----------------------------------------------|------------------------|
| Product type *                | Laptop                  | Windows keys                                 | ✓                      |
| Product colour *              | Black                   | <b>Software</b>                              |                        |
| Form factor *                 | Clamshell               | Operating system architecture                | 64-bit                 |
| Housing material              | Magnesium               | Recovery operating system                    | Windows 8.1            |
| Market positioning            | Business                | Operating system installed *                 | Windows 7 Professional |
| Display                       |                         | Processor special features                   |                        |
| Display diagonal *            | 35.6 cm (14")           | Intel Wireless Display (WiDi) Technology     | ✓                      |
| Display resolution *          | 1920 x 1080 pixels      | Intel My WiFi Technology                     | ✗                      |
| Touch screen *                | ✗                       | Intel Smart Connect Technology               | ✗                      |
| HD type                       | Full HD                 | Intel Anti-Theft Technology                  | ✗                      |
| LED backlight                 | ✓                       | Intel® Rapid Start Technology                | ✗                      |
| Native aspect ratio           | 16:9                    | Intel® Smart Response Technology             | ✓                      |
| Display surface               | Matt                    | Intel Identity Protection Technology         | ✓                      |
| Display brightness            | 300 cd/m²               | Intel Hyper-Threading Technology             | ✓                      |
| Processor                     |                         | Intel Turbo Boost Technology                 | 2.0                    |
| Processor manufacturer *      | Intel                   | Intel® Small Business Advantage (Intel® SBA) | ✓                      |
| Processor family *            | Intel® Core™ i7         | Intel Matrix Storage Technology              | ✗                      |
| Processor generation          | 5th gen Intel® Core™ i7 | Intel HD Audio Technology                    | ✗                      |
| Processor *                   | i7-5600U                | Intel Active Management Technology           | ✗                      |
| Processor number of cores     | 2                       | Enhanced Intel SpeedStep Technology          | ✓                      |
| Processor threads             | 4                       | Intel Clear Video HD Technology              | ✓                      |
| Processor boost frequency     | 3.2 GHz                 | Intel Clear Video Technology                 | ✓                      |
| Processor frequency *         | 2.6 GHz                 | Intel® InTru™ 3D Technology                  | ✓                      |
| System bus data transfer rate | 5 GT/s                  |                                              |                        |
| Processor cache               | 4 MB                    |                                              |                        |
| Processor cache type          | L3                      |                                              |                        |
| Processor socket              | BGA 1168                |                                              |                        |
| Processor lithography         | 14 nm                   |                                              |                        |

| Processor                                      |                                  | Processor special features                              |                         |
|------------------------------------------------|----------------------------------|---------------------------------------------------------|-------------------------|
| Processor operating modes                      | 32-bit, 64-bit                   | Intel® Insider™                                         | ✓                       |
| Processor series                               | Intel Core i7-5600 Mobile Series | Intel® Quick Sync Video Technology                      | ✓                       |
| Processor codename                             | Broadwell                        | Intel Flex Memory Access                                | ✓                       |
| Bus type                                       | DMI2                             | Intel® Smart Cache                                      | ✓                       |
| FSB Parity                                     | ✗                                | Intel AES New Instructions                              | ✓                       |
| Stepping                                       | F0                               | Intel Trusted Execution Technology                      | ✓                       |
| Thermal Design Power (TDP)                     | 15 W                             | Intel Enhanced Halt State                               | ✓                       |
| Configurable TDP-down                          | 7.5 W                            | Intel VT-x with Extended Page Tables (EPT)              | ✓                       |
| Configurable TDP-down frequency                | 0.6 GHz                          | Intel Demand Based Switching                            | ✗                       |
| Tjunction                                      | 105 °C                           | Intel® Secure Key                                       | ✓                       |
| Maximum number of PCI Express lanes            | 12                               | Intel TSX-NI                                            | ✓                       |
| PCI Express slots version                      | 2.0                              | Intel Stable Image Platform Program (SIPP)              | ✓                       |
| PCI Express configurations                     | 4x1, 2x4                         | Intel® OS Guard                                         | ✓                       |
| ECC supported by processor                     | ✗                                | Intel Clear Video Technology for MID                    | ✓                       |
| Memory                                         |                                  | Intel 64                                                | ✓                       |
| Internal memory *                              | 8 GB                             | Execute Disable Bit                                     | ✓                       |
| Internal memory type                           | DDR3L-SDRAM                      | Idle States                                             | ✓                       |
| Memory clock speed                             | 1600 MHz                         | Thermal Monitoring Technologies                         | ✓                       |
| Memory form factor                             | SO-DIMM                          | Processor package size                                  | 40 x 24 x 1.3 mm        |
| Memory layout (slots x size)                   | 1 x 8 GB                         | Supported instruction sets                              | AVX 2.0, SSE4.1, SSE4.2 |
| Memory slots                                   | 2x SO-DIMM                       | Processor code                                          | SR23V                   |
| Maximum internal memory *                      | 16 GB                            | CPU configuration (max)                                 | 1                       |
| Storage                                        |                                  | Embedded options available                              | ✗                       |
| Total storage capacity *                       | 500 GB                           | Graphics & IMC lithography                              | 14 nm                   |
| Storage media *                                | HDD                              | Intel Virtualization Technology for Directed I/O (VT-d) | ✓                       |
| Number of hard drives installed                | 1                                | Intel Identity Protection Technology version            | 1.00                    |
| Hard drive capacity                            | 500 GB                           | Intel Smart Response Technology version                 | 1.00                    |
| Hard drive interface                           | SATA                             | Intel Stable Image Platform Program (SIPP) version      | 1.00                    |
| Hard drive size                                | 2.5"                             | Intel Secure Key Technology version                     | 1.00                    |
| Optical drive type *                           | ✗                                | Intel Small Business Advantage (SBA) version            | 1.00                    |
| Card reader integrated                         | ✓                                | Intel TSX-NI version                                    | 1.00                    |
| Compatible memory cards                        | MMC, SD, SDHC, SDXC              | Intel Virtualization Technology (VT-x)                  | ✓                       |
| Graphics                                       |                                  | Intel Dual Display Capable Technology                   | ✗                       |
| Discrete graphics card model *                 | NVIDIA® GeForce® 840M            | Intel FDI Technology                                    | ✓                       |
| Discrete graphics card memory                  | 2 GB                             | Intel Rapid Storage Technology                          | ✗                       |
| Discrete graphics memory type                  | GDDR3                            | Intel Fast Memory Access                                | ✓                       |
| On-board graphics card *                       | ✓                                | Processor ARK ID                                        | 85215                   |
| Discrete graphics card *                       | ✓                                | Conflict-Free processor                                 | ✓                       |
| On-board graphics card family                  | Intel® HD Graphics               | Battery                                                 |                         |
| On-board graphics card model *                 | Intel® HD Graphics 5500          | Battery technology                                      | Lithium Polymer (LiPo)  |
| On-board graphics card base frequency          | 300 MHz                          | Number of battery cells                                 | 4                       |
| On-board graphics card dynamic frequency (max) | 950 MHz                          | Battery capacity *                                      | 51 Wh                   |
| Maximum on-board graphics card memory          | 16 GB                            | Energy Management                                       |                         |
| On-board graphics card DirectX version         | 11.2                             | AC adapter frequency                                    | 50 - 60 Hz              |
| On-board graphics card ID                      | 0x1616                           | AC adapter input voltage                                | 100 - 240 V             |
| Number of discrete graphics cards supported    | 1                                | DC-in jack                                              | ✓                       |
| Number of discrete graphics cards installed    | 1                                | Security                                                |                         |
| Audio                                          |                                  | Cable lock slot                                         | ✓                       |
| Audio system                                   | HD                               | Fingerprint reader                                      | ✓                       |
| Number of built-in speakers                    | 2                                |                                                         |                         |
| Built-in microphone                            | ✓                                |                                                         |                         |

| Camera                                            |                    | Security                         |                         |
|---------------------------------------------------|--------------------|----------------------------------|-------------------------|
| Front camera                                      | ✓                  | Trusted Platform Module (TPM)    | ✓                       |
| Front camera resolution                           | 1280 x 720 pixels  | Password protection              | ✓                       |
| Network                                           |                    | Sustainability                   |                         |
| Wi-Fi                                             | ✓                  | Sustainability certificates      | EPEAT Gold, ENERGY STAR |
| Ethernet LAN connection                           | ✓                  | Weight & Dimensions              |                         |
| Ethernet LAN data rates                           | 10,100,1000 Mbit/s | Width                            | 334.9 mm                |
| Bluetooth                                         | ✓                  | Depth                            | 231.1 mm                |
| Bluetooth version                                 | 4.0                | Height                           | 22.8 mm                 |
| Bluetooth Low Energy (BLE)                        | ✓                  | Weight *                         | 1.81 kg                 |
| Ports & interfaces                                |                    | Packaging Content                |                         |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3                  | AC adapter bundled *             | ✓                       |
| Ethernet LAN (RJ-45) ports quantity               | 1                  | Manual                           | ✓                       |
| HDMI ports quantity *                             | 1                  | Power cord included              | ✓                       |
| DVI port                                          | ✗                  | Other features                   |                         |
| VGA (D-Sub) ports quantity                        | 1                  | LightScribe                      | ✗                       |
| S/PDIF out port                                   | ✗                  | Maximum internal memory (64-bit) | 16 GB                   |
| Microphone in                                     | ✗                  | Intel Virtualization Technology  | VT-d, VT-x              |
| Combo headphone/mic port                          | ✓                  | Intel segment tagging            | Enterprise              |
| CardBus PCMCIA slot type                          | ✗                  |                                  |                         |
| Keyboard                                          |                    |                                  |                         |
| Pointing device                                   | DualPoint          |                                  |                         |
| Numeric keypad *                                  | ✗                  |                                  |                         |
| Keyboard backlit                                  | ✓                  |                                  |                         |
| Full-size keyboard                                | ✓                  |                                  |                         |

## Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.