



## Lenovo ThinkPad Edge E540 Intel® Core™ i5 i5-4210M Laptop 39,6 cm (15.6") 4 GB DDR3L-SDRAM 500 GB HDD Windows 8 Schwarz

**Marke :** Lenovo

**Produktfamilie:** ThinkPad

**Artikel-Code:** 20C6CTO1WW

**Produktname :** E540

15.6" 1366x768 LED, Intel Core i5-4210M 2.6GHz, 4GB DDR3L 1600MHz, 500GB SATA 7200rpm, DVD±RW, Gigabit Ethernet, 802.11b/g/n, Bluetooth 4.0, HD WebCam, 2.44kg, Windows 8 64-bit  
Lenovo ThinkPad Edge E540. Produkttyp: Laptop, Formfaktor: Klappgehäuse. Prozessorfamilie: Intel® Core™ i5, Prozessor: i5-4210M, Prozessor-Taktfrequenz: 2,6 GHz. Bildschirmdiagonale: 39,6 cm (15.6"), Bildschirmauflösung: 1366 x 768 Pixel. RAM-Speicher: 4 GB, Interner Speichertyp: DDR3L-SDRAM. Gesamtspeicherkapazität: 500 GB, Speichermedien: HDD, Optisches Laufwerk - Typ: DVD±RW. On-board Grafik Modell: Intel® HD Graphics 4600. Vorinstalliertes Betriebssystem: Windows 8. Produktfarbe: Schwarz



| Design                            |                                        | Leistung                                  |                   |
|-----------------------------------|----------------------------------------|-------------------------------------------|-------------------|
| Produkttyp *                      | Laptop                                 | Motherboard Chipsatz                      | Intel® HM87       |
| Produktfarbe *                    | Schwarz                                | <b>Tastatur</b>                           |                   |
| Formfaktor *                      | Klappgehäuse                           | Eingabegerät                              | ThinkPad UltraNav |
| Gehäusematerial                   | Kunststoff                             | Numerisches Keypad *                      | ✓                 |
| Intel® vPro™ Platform Eligibility | ✗                                      | Island-Stil Tastatur                      | ✓                 |
| <b>Bildschirm</b>                 |                                        | Full-size Tastatur                        | ✓                 |
| Bildschirmdiagonale *             | 39,6 cm (15.6")                        | Windows Tasten                            | ✓                 |
| Bildschirmauflösung *             | 1366 x 768 Pixel                       | <b>Software</b>                           |                   |
| Touchscreen *                     | ✗                                      | Betriebssystem Architektur                | 64-Bit            |
| LED-Hintergrundbeleuchtung        | ✓                                      | Vorinstalliertes Betriebssystem *         | Windows 8         |
| Native Seitenverhältnis           | 16:9                                   | <b>Prozessor Besonderheiten</b>           |                   |
| Display-Oberfläche                | Matt                                   | Intel Wireless Display (WiDi) Technologie | ✓                 |
| <b>Prozessor</b>                  |                                        | Intel My WiFi Technologie                 | ✗                 |
| Prozessorhersteller *             | Intel                                  | Intel Smart Connect Technologie           | ✗                 |
| Prozessorfamilie *                | Intel® Core™ i5                        | Intel Anti-Theft Technologie              | ✓                 |
| Prozessorgeneration               | Intel® Core™ i5 der vierten Generation | Intel® Rapid-Start-Technologie            | ✗                 |
| Prozessor *                       | i5-4210M                               | Intel® Smart-Response-Technologie         | ✗                 |
| Anzahl Prozessorkerne             | 2                                      | Intel Identity Protection Technologie     | ✓                 |
| Prozessor-Threads                 | 4                                      | Intel Hyper-Threading Technologie         | ✓                 |
| Prozessor Boost-Taktung           | 3,2 GHz                                | Intel® Turbo-Boost-Technologie            | 2.0               |
| Prozessor-Taktfrequenz *          | 2,6 GHz                                | Intel Small Business Advantage (SBA)      | ✗                 |
| System-Bus                        | 5 GT/s                                 | Intel Matrix Storage Technologie          | ✗                 |
| Prozessor-Cache                   | 3 MB                                   | Intel HD Audio Technologie                | ✗                 |
| Prozessor Cache Typ               | Smart Cache                            | Intel Active Management Technologie       | ✗                 |
| Prozessorsockel                   | PGA946                                 | Verbesserte Intel SpeedStep Technologie   | ✓                 |
| Prozessor Lithografie             | 22 nm                                  | Intel Clear Video HD Technologie          | ✓                 |
| Prozessorbetriebsmodi             | 64-Bit                                 | Intel® Clear Video Technologie            | ✗                 |
| Prozessor-Serien                  | Intel Core i5-4200 Mobile series       | Intel® InTru™ -3D-Technik                 | ✓                 |
| Prozessor Codename                | Haswell                                |                                           |                   |
| Bus typ                           | DMI                                    |                                           |                   |
| FSB Gleichwertigkeit              | ✗                                      |                                           |                   |
| Stepping                          | C0                                     |                                           |                   |

| Prozessor                                             |                                     | Prozessor Besonderheiten                                    |                         |
|-------------------------------------------------------|-------------------------------------|-------------------------------------------------------------|-------------------------|
| Thermal Design Power (TDP)                            | 37 W                                | Intel® Insider™                                             | ✓                       |
| Tjunction                                             | 100 °C                              | Intel® Quick Sync Video Technology                          | ✓                       |
| Maximale Anzahl der PCI-Express-Lanes                 | 16                                  | Intel Flex Memory Access                                    | ✗                       |
| PCI-Express-Slots-Version                             | 3.0                                 | Intel® Smart Cache                                          | ✓                       |
| PCI Express Konfigurationen                           | 1x16, 2x8, 1x8+2x4                  | Intel AES New Instructions                                  | ✓                       |
| ECC vom Prozessor unterstützt                         | ✗                                   | Intel Trusted Execution Technology                          | ✗                       |
| Speicher                                              |                                     | Intel Enhanced Halt State                                   | ✗                       |
| RAM-Speicher *                                        | 4 GB                                | Intel VT-x mit Extended Page Tables (EPT)                   | ✓                       |
| Interner Speichertyp                                  | DDR3L-SDRAM                         | Intel Demand Based Switching                                | ✗                       |
| Speichertaktfrequenz                                  | 1600 MHz                            | Intel Sicherer Schlüssel                                    | ✓                       |
| Speicherlayout                                        | 1 x 4 GB                            | Intel TSX-NI                                                | ✗                       |
| Speichersteckplätze                                   | 2x SO-DIMM                          | Intel Clear Video Technology für MID                        | ✗                       |
| RAM-Speicher maximal *                                | 16 GB                               | Intel® 64                                                   | ✓                       |
| Speichermedien                                        |                                     | Execute Disable Bit                                         | ✓                       |
| Gesamtspeicherkapazität *                             | 500 GB                              | Leerlauf Zustände                                           | ✓                       |
| Speichermedien *                                      | HDD                                 | Thermal-Überwachungstechnologien                            | ✓                       |
| Anzahl der installierten Festplatten                  | 1                                   | Prozessor-Paketgröße                                        | 37.5 x 37.5 x 4.7 mm    |
| Festplattenkapazität                                  | 500 GB                              | Unterstützte Befehlssätze                                   | AVX 2.0, SSE4.1, SSE4.2 |
| Festplatten-Schnittstelle                             | SATA                                | Prozessor-Code                                              | SR1L4                   |
| Festplatten-Drehzahl                                  | 7200 RPM                            | CPU Konfiguration (max)                                     | 1                       |
| Festplatten-Formfaktor                                | 2.5"                                | Eingebettete Optionen verfügbar                             | ✗                       |
| Optisches Laufwerk - Typ *                            | DVD±RW                              | Intel Virtualization Technology für adressierten E/A (VT-d) | ✗                       |
| Integrierter Kartenleser                              | ✓                                   | Intel® Identity Protection Technologieversion               | 1,00                    |
| Kompatible Speicherkarten                             | MMC, SD, SDHC, SDXC                 | Intel® Secure Key Technologieversion                        | 1,00                    |
| Grafik                                                |                                     | Intel® TSX-NI-Version                                       | 0,00                    |
| Dediziertes Grafikmodell *                            | Nicht verfügbar                     | Intel® Virtualization Technologie (VT-X)                    | ✓                       |
| Eingebaute Grafikkarte *                              | ✓                                   | Intel Dual Display Capable Technology                       | ✗                       |
| Separater Grafikkarte *                               | ✗                                   | Intel FDI Technology                                        | ✗                       |
| On-Board-Grafikkarte-Familie                          | Intel® HD Graphics                  | Intel Rapid Storage Technology                              | ✗                       |
| On-board Grafik Modell *                              | Intel® HD Graphics 4600             | Intel Fast Memory Access                                    | ✗                       |
| On-Board Grafikkarte Basisfrequenz                    | 400 MHz                             | ARK Prozessorerkennung                                      | 81012                   |
| Maximale dynamische Frequenz der On-Board Grafikkarte | 1150 MHz                            | Konfliktloser-Prozessor                                     | ✓                       |
| Maximaler integrierter Grafik-Adapterspeicher         | 1,74 GB                             | Batterie                                                    |                         |
| On-Board Grafikkarte DirectX Version                  | 11.1                                | Batterietechnologie                                         | Lithium-Ion (Li-Ion)    |
| On-Board Grafikkarte Geräte-ID                        | 0x416                               | Anzahl Batteriezellen                                       | 6                       |
| Audio                                                 |                                     | Energie                                                     |                         |
| Audio Chip                                            | Dolby Advanced v2                   | DC-Anschluss                                                | ✓                       |
| Anzahl eingebauter Lautsprecher                       | 2                                   | Sicherheit                                                  |                         |
| Eingebautes Mikrofon                                  | ✓                                   | Kabelsperr-Slot                                             | ✓                       |
| Kamera                                                |                                     | Slot-Typ Kabelsperr                                         | Kensington              |
| Frontkamera                                           | ✓                                   | Passwortschutz                                              | ✓                       |
| Auflösung Frontkamera                                 | 1 MP                                | Zertifikate                                                 |                         |
| Auflösung Frontkamera                                 | 1280 x 720 Pixel                    | Konformitätsbescheinigungen                                 | RoHS                    |
| Netzwerk                                              |                                     | Sustainability                                              |                         |
| WLAN                                                  | ✓                                   | Nachhaltigkeitszertifikate                                  | EPEAT Gold, ENERGY STAR |
| WLAN-Standards                                        | 802.11b, 802.11g, Wi-Fi 4 (802.11n) | Gewicht & Abmessungen                                       |                         |
| Eingebauter Ethernet-Anschluss                        | ✓                                   | Breite                                                      | 377 mm                  |
| Ethernet LAN Datentransferraten                       | 10,100,1000 Mbit/s                  | Tiefe                                                       | 250 mm                  |
| Bluetooth                                             | ✓                                   | Höhe                                                        | 26,6 mm                 |
| Bluetooth-Version                                     | 4.0                                 | Gewicht *                                                   | 2,44 kg                 |
| Anschlüsse und Schnittstellen                         |                                     |                                                             |                         |
| Anzahl USB 2.0 Anschlüsse *                           | 1                                   |                                                             |                         |

| Anschlüsse und Schnittstellen                               |   | Verpackungsinhalt                |                                 |
|-------------------------------------------------------------|---|----------------------------------|---------------------------------|
| USB 3.2 Gen 1 (3.1 Gen 1) Anzahl der Anschlüsse vom Typ A * | 2 | AC-Netzadapter *                 | ✓                               |
| Anzahl Ethernet LAN (RJ-45) Anschlüsse                      | 1 | Betriebsanleitung                | ✓                               |
| Anzahl HDMI Anschlüsse *                                    | 1 | Netzkabel                        | ✓                               |
| DVI Anschluss                                               | ✗ | <b>Weitere Spezifikationen</b>   |                                 |
| Anzahl VGA (D-Sub) Anschlüsse                               | 1 | RAM-Speicher maximal (64-bit)    | 16 GB                           |
| S/PDIF-out Anschluss                                        | ✗ | Intel Virtualization Technologie | VT-x                            |
| Mikrofon, Line-In Anschluss                                 | ✗ | Intel® Segmentkennzeichnung      | Homeoffice, Kleines Unternehmen |
| Kombinierter Kopfhörer-/Mikrofon-Port                       | ✓ |                                  |                                 |
| ExpressCard-Slot                                            | ✗ |                                  |                                 |
| CardBus PCMCIA Slot Typ                                     | ✗ |                                  |                                 |
| SmartCard-Slot                                              | ✗ |                                  |                                 |
| USB - Schlafen-und-Laden                                    | ✓ |                                  |                                 |
| USB-Ports - Schlafen-und-Laden                              | 1 |                                  |                                 |

## Catalog Object Cloud



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