



DELL Latitude E6540 Intel® Core™ i7 i7-4800MQ Laptop 39,6 cm (15.6") Full HD 8 GB DDR3L-SDRAM 256 GB SSD AMD Radeon HD 8790M Windows 7 Professional Black, Silver



Brand : DELL

Product family: Latitude

Product code: 210-E6540-7-L

Product name : E6540

Latitude E6540 - Intel Core i7-4800MQ (6M Cache, up to 3.70 GHz), 8GB 1600MHz DDR3L SDRAM, 256GB SSD, Intel HD Graphics 4600 + AMD Radeon HD 8790M 2GB GDDR5, 15.6" FullHD LED (1920x1080), Wireless Lan, Gigabit Ethernet, HD Webcam, 6-Cell, 65W, Linux (Ubuntu)

DELL Latitude E6540. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4800MQ, Processor frequency: 2,7 GHz. Display diagonal: 39,6 cm (15.6"), 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, Optical drive type: DVD±RW. Operating system installed: Windows 7 Professional. Product colour: Black, Silver

| Design | | Software | |
|---------------------------|----------------------------------|--|------------------------------|
| Product type * | Laptop | Operating system architecture | 64-bit |
| Product colour * | Black, Silver | Operating system installed * | Windows 7 Professional |
| Form factor * | Clamshell | Bundled software | Dell Webcam Central software |
| Market positioning | Business | Processor special features | |
| Display | | Intel® Wireless Display (Intel® WiDi) | ✓ |
| Display diagonal * | 39,6 cm (15.6") | Intel® My WiFi Technology (Intel® MWT) | ✓ |
| Display resolution * | 1920 x 1080 pixels | Intel Smart Connect Technology | ✗ |
| Touchscreen * | ✗ | Intel® Anti-Theft Technology (Intel® AT) | ✓ |
| HD type | Full HD | Intel® Rapid Start Technology | ✗ |
| LED backlight | ✓ | Intel® Smart Response Technology | ✗ |
| Native aspect ratio | 16:9 | Intel® Identity Protection Technology (Intel® IPT) | ✓ |
| Display surface | Matt | Intel® Hyper Threading Technology (Intel® HT 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 (Intel® MST) | ✗ |
| Processor generation | 4th gen Intel® Core™ i7 | Intel® High Definition Audio (Intel® HD Audio) | ✗ |
| Processor model * | i7-4800MQ | Intel® Active Management Technology (Intel® AMT) | ✗ |
| Processor cores | 4 | Enhanced Intel SpeedStep Technology | ✓ |
| Processor threads | 8 | Intel® Clear Video HD Technology (Intel® CVT HD) | ✓ |
| Processor boost frequency | 3,7 GHz | Intel Clear Video Technology | ✗ |
| Processor frequency * | 2,7 GHz | | |
| Processor cache | 6 MB | | |
| Processor cache type | Smart Cache | | |
| Processor socket | PGA946 | | |
| Processor lithography | 22 nm | | |
| Processor operating modes | 64-bit | | |
| Processor series | Intel Core i7-4800 Mobile series | | |
| Processor codename | Haswell | | |

| Processor | | Processor special features | |
|--|---------------------------|---|-------------------------|
| Bus type | DMI2 | Intel® InTru™ 3D Technology | ✓ |
| FSB Parity | ✗ | Intel® Insider™ | ✓ |
| Stepping | C0 | Intel® Quick Sync Video Technology | ✓ |
| Thermal Design Power (TDP) | 47 W | Intel Flex Memory Access | ✗ |
| Tjunction | 100 °C | Intel® Smart Cache | ✓ |
| Maximum number of PCI Express lanes | 16 | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| PCI Express slots version | 3.0 | Intel Trusted Execution Technology | ✓ |
| PCI Express configurations | 1x16, 2x8, 1x8+2x4 | Intel Enhanced Halt State | ✓ |
| ECC supported by processor | ✗ | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Memory | | Intel Demand Based Switching | ✗ |
| Internal memory * | 8 GB | Intel® Secure Key | ✓ |
| Internal memory type | DDR3L-SDRAM | Intel TSX-NI | ✗ |
| Memory clock speed | 1600 MHz | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✗ |
| Memory form factor | SO-DIMM | Intel 64 | ✓ |
| Memory layout (slots x size) | 2 x 4 GB | Execute Disable Bit | ✓ |
| Memory slots | 2x SO-DIMM | Idle States | ✓ |
| Maximum internal memory * | 16 GB | Thermal Monitoring Technologies | ✓ |
| Storage | | Processor package size | 37.5 x 37.5 x 4.7 mm |
| Total storage capacity * | 256 GB | Supported instruction sets | AVX 2.0, SSE4.1, SSE4.2 |
| Storage media * | SSD | Processor code | SR15L |
| Number of SSDs installed | 1 | CPU configuration (max) | 1 |
| SSD capacity | 256 GB | Embedded options available | ✗ |
| Optical drive type * | DVD±RW | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Card reader integrated | ✓ | Intel Identity Protection Technology version | 1,00 |
| Graphics | | Intel Secure Key Technology version | 1,00 |
| Discrete graphics card model * | AMD Radeon HD 8790M | Intel TSX-NI version | 0,00 |
| Discrete graphics card memory | 2 GB | Intel Virtualization Technology (VT-x) | ✓ |
| Discrete graphics memory type | GDDR5 | Intel Dual Display Capable Technology | ✗ |
| On-board graphics card * | ✓ | Intel FDI Technology | ✓ |
| Discrete graphics card * | ✓ | Intel Rapid Storage Technology | ✗ |
| On-board graphics card family | Intel® HD Graphics | Intel Fast Memory Access | ✗ |
| On-board graphics card model * | Intel® HD Graphics 4600 | Processor ARK ID | 75128 |
| On-board graphics card base frequency | 400 MHz | Conflict-Free processor | ✓ |
| On-board graphics card dynamic frequency (max) | 1300 MHz | Battery | |
| Maximum on-board graphics card memory | 1,74 GB | Battery technology | Lithium-Ion (Li-Ion) |
| On-board graphics card DirectX version | 11.1 | Number of battery cells | 6 |
| On-board graphics card ID | 0x416 | Power | |
| Number of discrete graphics cards installed | 1 | DC-in jack | ✓ |
| Audio | | Security | |
| Audio system | HD | Cable lock slot | ✓ |
| Number of built-in speakers | 2 | Cable lock slot type | Kensington |
| Built-in microphone | ✓ | Trusted Platform Module (TPM) | ✓ |
| Camera | | Password protection | ✓ |
| Front camera | ✓ | Password protection type | BIOS |
| Network | | Certificates | |
| Wi-Fi | ✓ | Certification | BFR/PVC free |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g | Sustainability | |
| Ethernet LAN | ✓ | Sustainability certificates | ENERGY STAR |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | | |
| Bluetooth | ✗ | | |
| Bluetooth version | 4.0 | | |

| Ports & interfaces | | Weight & dimensions | |
|---|-------------|--|------------|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Width | 379 mm |
| Ethernet LAN (RJ-45) ports | 1 | Depth | 250,5 mm |
| HDMI ports quantity * | 1 | Height | 33,4 mm |
| DVI port | ✗ | Weight * | 2,36 kg |
| VGA (D-Sub) ports quantity | 1 | Packaging content | |
| S/PDIF out port | ✗ | AC adapter included * | ✓ |
| Microphone in | ✗ | Manual | ✓ |
| Combo headphone/mic port | ✓ | Power cord included | ✓ |
| Docking connector | ✓ | Other features | |
| CardBus PCMCIA slot type | ✗ | Maximum internal memory (64-bit) | 16 GB |
| SmartCard slot | ✓ | Intel® Virtualization Technology (Intel® VT) | VT-d, VT-x |
| Performance | | | |
| Motherboard chipset | Intel® QM87 | | |
| Keyboard | | | |
| Pointing device | Touchpad | | |
| Numeric keypad * | ✓ | | |
| Keyboard backlit | ✓ | | |
| Windows keys | ✓ | | |

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