



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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