



## DELL Latitude E5440 Intel® Core™ i5 i5-4310U Laptop 35,6 cm (14") HD+ 4 GB DDR3L-SDRAM 500 GB Hybrid-HDD NVIDIA® GeForce® GT 720M Windows 7 Professional Black

Brand : DELL

Product family: Latitude

Product code: 5440-5234

Product name : E5440

Intel Core i5-4310U (3M Cache, up to 3.00 GHz), 4GB DDR3L 1600MHz, 500GB SSHD, 14" HD+ (1600x900) LED, NVIDIA GeForce GT 720M 2GB, DVD+/-RW, Gigabit LAN, WLAN, Bluetooth, WebCam, HDMI, VGA, USB 3.0, Windows 7 Professional 64-bit/Windows 8  
DELL Latitude E5440. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-4310U, Processor frequency: 2 GHz. Display diagonal: 35,6 cm (14"), HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: Hybrid-HDD, Optical drive type: DVD±RW. Operating system installed: Windows 7 Professional. Product colour: Black



Design		Processor special features	
Product type *	Laptop	Intel® Anti-Theft Technology (Intel® AT)	✓
Product colour *	Black	Intel® Rapid Start Technology	✗
Form factor *	Clamshell	Intel® Smart Response Technology	✓
Display		Intel® Identity Protection Technology (Intel® IPT)	✓
Display diagonal *	35,6 cm (14")	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Display resolution *	1600 x 900 pixels	Intel® Turbo Boost Technology	2.0
Touchscreen *	✗	Intel® Small Business Advantage (Intel® SBA)	✓
HD type	HD+	Intel® Matrix Storage Technology (Intel® MST)	✗
LED backlight	✓	Intel® High Definition Audio (Intel® HD Audio)	✓
Native aspect ratio	16:9	Processor	
Display brightness	200 cd/m²	Processor manufacturer *	Intel
Pixel pitch	0,2265 x 0,2265 mm	Processor family *	Intel® Core™ i5
		Processor generation	4th gen Intel® Core™ i5
		Processor model *	i5-4310U
		Processor cores	2
		Processor threads	4
		Processor boost frequency	3 GHz
		Processor frequency *	2 GHz
		System bus rate	5 GT/s
		Processor cache	3 MB
		Processor cache type	Smart Cache
		Processor socket	BGA 1168
		Processor lithography	22 nm
		Processor operating modes	64-bit
		Processor series	Intel Core i5-4300 Mobile series
		Processor codename	Haswell
		Bus type	DMI2
		FSB Parity	✗
		Stepping	D0
		Thermal Design Power (TDP)	15 W
		Intel® Active Management Technology (Intel® AMT)	✗
		Enhanced Intel SpeedStep Technology	✓
		Intel® Clear Video HD Technology (Intel® CVT HD)	✓
		Intel Clear Video Technology	✗
		Intel® InTru™ 3D Technology	✓
		Intel® Insider™	✓
		Intel® Quick Sync Video Technology	✓
		Intel Flex Memory Access	✗
		Intel® Smart Cache	✓
		Intel® AES New Instructions (Intel® AES-NI)	✓
		Intel Trusted Execution Technology	✓
		Intel Enhanced Halt State	✓
		Intel VT-x with Extended Page Tables (EPT)	✓
		Intel Demand Based Switching	✗
		Intel® Secure Key	✓

Processor		Processor special features	
Tjunction	100 °C	Intel TSX-NI	✗
Maximum number of PCI Express lanes	12	Intel Stable Image Platform Program (SIPP)	✓
PCI Express slots version	2.0	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
PCI Express configurations	4x1, 2x4	Intel 64	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Idle States	✓
Internal memory *	4 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR3L-SDRAM	Processor package size	40 x 24 x 1.5 mm
Memory clock speed	1600 MHz	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory form factor	SO-DIMM	Processor code	SR1EE
Memory layout (slots x size)	1 x 4 GB	CPU configuration (max)	1
Memory slots	2x SO-DIMM	Embedded options available	✗
Maximum internal memory *	8 GB	UART	✓
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	500 GB	Intel Smart Connect Technology version	1,00
Storage media *	Hybrid-HDD	Intel Identity Protection Technology version	1,00
HDD interface	SATA	Intel Smart Response Technology version	1,00
HDD speed	5400 RPM	Intel Stable Image Platform Program (SIPP) version	1,00
Hybrid-HDD cache type	Flash	Intel Secure Key Technology version	1,00
Hybrid-HDD capacity	500 GB	Intel Small Business Advantage (SBA) version	1,00
Hybrid-HDD cache memory	8 GB	Intel ME Firmware Version	9.5
Optical drive type *	DVD±RW	Intel TSX-NI version	0,00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Graphics		Intel Dual Display Capable Technology	✗
Discrete graphics card model *	NVIDIA® GeForce® GT 720M	Intel FDI Technology	✗
Discrete graphics card memory	2 GB	Intel Rapid Storage Technology	✓
On-board graphics card *	✓	Intel Fast Memory Access	✗
Discrete graphics card *	✓	Processor ARK ID	80343
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics 4400	Battery	
On-board graphics card base frequency	200 MHz	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card dynamic frequency (max)	1100 MHz	Number of battery cells	6
Maximum on-board graphics card memory	1,74 GB	Battery capacity *	65 Wh
On-board graphics card DirectX version	12	Battery voltage	11,1 V
On-board graphics card ID	0xA16	Power	
Number of discrete graphics cards installed	1	AC adapter frequency	50 - 60 Hz
Audio		AC adapter input voltage	100 - 240 V
Audio system	HD	AC adapter output voltage	19.5 V
Number of built-in speakers	2	DC-in jack	✓
Speaker power	1 W	Security	
Built-in microphone	✓	Cable lock slot	✓
Camera		Cable lock slot type	Kensington
Front camera	✓	Trusted Platform Module (TPM)	✓
Network		Password protection	✓
Wi-Fi	✓	Operational conditions	
Wi-Fi standards	Wi-Fi 4 (802.11n)	Operating temperature (T-T)	0 - 35 °C
Ethernet LAN	✓	Storage temperature (T-T)	-40 - 65 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating relative humidity (H-H)	10 - 90%
Bluetooth	✓		
Bluetooth version	4.0		

Ports & interfaces		Operational conditions	
USB 2.0 ports quantity *	1	Storage relative humidity (H-H)	5 - 95%
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Operating altitude	-15,24 - 3048 m
Ethernet LAN (RJ-45) ports	1	Non-operating altitude	-15,24 - 10668 m
HDMI ports quantity *	1	Sustainability	
DVI port	✗	Sustainability certificates	ENERGY STAR
VGA (D-Sub) ports quantity	1	Weight & dimensions	
S/PDIF out port	✗	Width	338 mm
Microphone in	✗	Depth	235 mm
Combo headphone/mic port	✓	Height	28,6 mm
Docking connector	✓	Weight *	2 kg
CardBus PCMCIA slot type	✗	Packaging content	
Total number of SATA connectors	4	AC adapter included *	✓
Number of SATA III connectors	4	Manual	✓
Performance		Quick start guide	✓
Motherboard chipset	Intel Lynx Point-LP	Warranty card	✓
Keyboard		Power cord included	✓
Pointing device	Touchpad	Other features	
Numeric keypad *	✗	Maximum internal memory (64-bit)	8 GB
Windows keys	✓	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Software		Intel segment tagging	Enterprise
Operating system architecture	64-bit		
Recovery operating system	Windows 8		
Operating system installed *	Windows 7 Professional		
Processor special features			
Intel® Wireless Display (Intel® WiDi)	✓		
Intel® My WiFi Technology (Intel® MWT)	✗		
Intel Smart Connect Technology	✓		



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