



DELL Latitude E5450 Intel® Core™ i3 i3-5010U Laptop 35,6 cm (14") 4 GB DDR3L-SDRAM 500 GB HDD Windows 7 Professional Black

Brand : DELL

Product family: Latitude

Product code: 5450-7546

Product name : E5450

14" (1366 x 768, LED), Intel Core i3-5010U, 4GB (DDR3L), 500GB (HDD), Intel HD Graphics 5500, 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™ i3, Processor model: i3-5010U, Processor frequency: 2,1 GHz. Display diagonal: 35,6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 4 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. Weight: 1,81 kg



Design		Processor special features	
Product type *	Laptop	Intel® Wireless Display (Intel® WiDi)	✓
Product colour *	Black	Intel® My WiFi Technology (Intel® MWT)	✗
Form factor *	Clamshell	Intel Smart Connect Technology	✗
Housing material	Glass fibre	Intel® Anti-Theft Technology (Intel® AT)	✗
Market positioning	Business	Intel® Rapid Start Technology	✗
Display		Intel® Smart Response Technology	✓
Display diagonal *	35,6 cm (14")	Intel® Identity Protection Technology (Intel® IPT)	✓
Display resolution *	1366 x 768 pixels	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Touchscreen *	✗	Intel® Turbo Boost Technology	✗
LED backlight	✓	Intel® Small Business Advantage (Intel® SBA)	✓
Native aspect ratio	16:9	Intel® Matrix Storage Technology (Intel® MST)	✗
Display surface	Matt	Intel® High Definition Audio (Intel® HD Audio)	✗
Display brightness	200 cd/m ²	Intel® Active Management Technology (Intel® AMT)	✗
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor family *	Intel® Core™ i3	Intel Clear Video Technology	✓
Processor generation	5th gen Intel® Core™ i3	Intel® InTru™ 3D Technology	✓
Processor model *	i3-5010U	Intel® Insider™	✓
Processor cores	2	Intel® Quick Sync Video Technology	✓
Processor threads	4		
Processor frequency *	2,1 GHz		
System bus rate	5 GT/s		
Processor cache	3 MB		
Processor cache type	L3		
Processor socket	BGA 1168		
Processor lithography	14 nm		
Processor operating modes	32-bit, 64-bit		
Processor series	Intel Core i3-5000 Mobile series		

Processor		Processor special features	
Processor codename	Broadwell	Intel Flex Memory Access	✓
Bus type	DMI2	Intel® AES New Instructions (Intel® AES-NI)	✓
FSB Parity	✗	Intel Trusted Execution Technology	✗
Stepping	F0	Intel Enhanced Halt State	✓
Thermal Design Power (TDP)	15 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down	10 W	Intel Demand Based Switching	✗
Configurable TDP-down frequency	0,6 GHz	Intel® Secure Key	✓
Tjunction	105 °C	Intel TSX-NI	✗
Maximum number of PCI Express lanes	12	Intel Stable Image Platform Program (SIPP)	✗
PCI Express slots version	2.0	Intel® OS Guard	✓
PCI Express configurations	2x4, 4x1	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	4 GB	Idle States	✓
Internal memory type	DDR3L-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speed	1600 MHz	Processor package size	40 x 24x 1.3 mm
Memory form factor	SO-DIMM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory layout (slots x size)	1 x 4 GB	Processor code	SR23Z
Memory slots	1x SO-DIMM	CPU configuration (max)	1
Maximum internal memory *	8 GB	Embedded options available	✓
Storage		Graphics & IMC lithography	14 nm
Total storage capacity *	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	HDD	Intel Identity Protection Technology version	1,00
Number of hard drives installed	1	Intel Smart Response Technology version	1,00
Hard drive capacity	500 GB	Intel Stable Image Platform Program (SIPP) version	0,00
Hard drive interface	SATA	Intel Secure Key Technology version	1,00
Hard drive size	2.5"	Intel Small Business Advantage (SBA) version	1,00
Optical drive type *	✗	Intel TSX-NI version	0,00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Dual Display Capable Technology	✗
Graphics		Intel FDI Technology	✓
Discrete graphics card model *	Not available	Intel Rapid Storage Technology	✗
On-board graphics card *	✓	Intel Fast Memory Access	✓
Discrete graphics card *	✗	Processor ARK ID	84697
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics 5500	Battery	
On-board graphics card base frequency	300 MHz	Battery technology	Lithium Polymer (LiPo)
On-board graphics card dynamic frequency (max)	900 MHz	Number of battery cells	4
Maximum on-board graphics card memory	16 GB	Battery capacity *	51 Wh
On-board graphics card DirectX version	11.2	Power	
On-board graphics card ID	0x1616	AC adapter frequency	50 - 60 Hz
Number of discrete graphics cards supported	1	AC adapter input voltage	100 - 240 V
Audio		DC-in jack	✓
Audio system	HD	Security	
Number of built-in speakers	2	Cable lock slot	✓
Built-in microphone	✓	Fingerprint reader	✓
Camera		Trusted Platform Module (TPM)	✓
Front camera	✓	Network	
Front camera resolution	1280 x 720 pixels	Wi-Fi	✓
Network		Ethernet LAN	✓

Network		Security	
Ethernet LAN data rates	10,100,1000 Mbit/s	Password protection	✓
Bluetooth	✓	Sustainability	
Bluetooth version	4.0	Sustainability certificates	EPEAT Gold, ENERGY STAR
Bluetooth Low Energy (BLE)	✓	Weight & dimensions	
Ports & interfaces		Weight *	1,81 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
HDMI ports quantity *	1	Manual	✓
DVI port	✗	Power cord included	✓
VGA (D-Sub) ports quantity	1	Other features	
S/PDIF out port	✗	LightScribe	✗
Microphone in	✗	Maximum internal memory (64-bit)	8 GB
Combo headphone/mic port	✓	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
CardBus PCMCIA slot type	✗	Intel segment tagging	Enterprise
Keyboard			
Pointing device	DualPoint		
Numeric keypad *	✗		
Keyboard backlit	✓		
Full-size keyboard	✓		
Windows keys	✓		
Software			
Operating system architecture	64-bit		
Recovery operating system	Windows 8.1		
Operating system installed *	Windows 7 Professional		

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