



DELL Latitude E5450 i5-5300U Notebook 35.6 cm (14") Touch screen Full HD Intel® Core™ i5 8 GB DDR3L-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black

Brand : DELL

Product family: Latitude

Product code: E5450-NL-SB176

Product name : E5450

- Windows 10 Pro 64-bit
- Intel Core i5-5300U (3MB Cache, 2.3GHz)
- 35.6 cm (14") Full HD 1920 x 1080 WLED Touch
- 8GB (1600MHz) DDR3L-SDRAM & 256GB SSD

Intel Core i5-5300U (3MB Cache, 2.3GHz), 8GB DDR3L-SDRAM, 256GB SSD, 35.6 cm (14") Full HD 1920 x 1080 WLED Touch, Intel HD Graphics 5500, LAN, WLAN, Webcam, Windows 10 Pro 64-bit
DELL Latitude E5450. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-5300U, Processor frequency: 2.3 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touch screen. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Operating system installed: Windows 10 Pro. Product colour: Black



Design		Software	
Product type *	Notebook	Operating system architecture	64-bit
Product colour *	Black	Operating system installed *	Windows 10 Pro
Form factor *	Clamshell	Processor special features	
Display		Intel Wireless Display (WiDi) Technology	✓
Display diagonal *	35.6 cm (14")	Intel® Smart Response Technology	✓
Display resolution *	1920 x 1080 pixels	Intel Identity Protection Technology	✓
Touch screen *	✓	Intel Hyper-Threading Technology	✓
HD type	Full HD	Intel Turbo Boost Technology	2.0
Panel type	WLED	Intel® Small Business Advantage (Intel® SBA)	✓
LED backlight	✓	Enhanced Intel SpeedStep Technology	✓
Native aspect ratio	16:9	Intel Clear Video HD Technology	✓
Display brightness	270 cd/m²	Intel Clear Video Technology	✓
Processor		Intel® InTru™ 3D Technology	✓
Processor manufacturer *	Intel	Intel® Insider™	✓
Processor generation	5th gen Intel® Core™ i5	Intel® Quick Sync Video Technology	✓
Processor *	i5-5300U	Intel Flex Memory Access	✓
Processor family *	Intel® Core™ i5	Intel® Smart Cache	✓
Processor frequency *	2.3 GHz	Intel AES New Instructions	✓
Processor boost frequency	2.9 GHz	Intel Trusted Execution Technology	✓
Processor number of cores	2	Intel Enhanced Halt State	✓
Processor threads	4	Intel VT-x with Extended Page Tables (EPT)	✓
System bus data transfer rate	5 GT/s	Intel® Secure Key	✓
Processor cache	3 MB	Intel TSX-NI	✓
Processor cache type	L3	Intel Stable Image Platform Program (SIPP)	✓
Processor socket	BGA 1168	Intel® OS Guard	✓
Processor lithography	14 nm		
Processor operating modes	32-bit, 64-bit		
Processor series	Intel® Core™ i5-5300 Mobile Series		

Processor		Processor special features	
Processor codename	Broadwell	Intel Clear Video Technology for MID	✓
Bus type	DMI2	Intel 64	✓
Stepping	F0	Execute Disable Bit	✓
Thermal Design Power (TDP)	15 W	Idle States	✓
Configurable TDP-down	7.5 W	Thermal Monitoring Technologies	✓
Configurable TDP-down frequency	0.6 GHz	Processor package size	40 x 24 x 1.3 mm
Tjunction	105 °C	Supported instruction sets	AVX 2.0
Maximum number of PCI Express lanes	12	Processor code	SR23X
PCI Express slots version	2.0	CPU configuration (max)	1
PCI Express configurations	4x1, 2x4	Embedded options available	✗
Memory		Graphics & IMC lithography	14 nm
Internal memory *	8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Internal memory type	DDR3L-SDRAM	Intel Identity Protection Technology version	1.00
Memory clock speed	1600 MHz	Intel Smart Response Technology version	1.00
Memory form factor	SO-DIMM	Intel Stable Image Platform Program (SIPP) version	1.00
Memory slots	2x SO-DIMM	Intel Secure Key Technology version	1.00
Maximum internal memory *	16 GB	Intel Small Business Advantage (SBA) version	1.00
Storage		Intel TSX-NI version	1.00
Total storage capacity *	256 GB	Intel Virtualization Technology (VT-x)	✓
Storage media *	SSD	Intel FDI Technology	✓
Total SSDs capacity	256 GB	Intel Fast Memory Access	✓
Number of SSDs installed	1	Processor ARK ID	85213
Solid-state drive capacity	256 GB	Conflict-Free processor	✓
Optical drive type *	✗	Battery	
Card reader integrated	✓	Battery technology	Lithium Polymer (LiPo)
Compatible memory cards	SD	Number of battery cells	4
Graphics		Battery capacity *	51 Wh
Discrete graphics card model *	Not available	Battery voltage	7.4 V
On-board graphics card *	✓	Energy Management	
Discrete graphics card *	✗	AC adapter power	65 W
On-board graphics card family	Intel® HD Graphics	AC adapter frequency	50 - 60 Hz
On-board graphics card model *	Intel® HD Graphics 5500	AC adapter input voltage	100 - 240 V
On-board graphics card base frequency	300 MHz	AC adapter output current	3.34 A
On-board graphics card dynamic frequency (max)	900 MHz	AC adapter output voltage	19.5 V
Maximum on-board graphics card memory	16 GB	Security	
On-board graphics card DirectX version	11.2	Cable lock slot	✓
On-board graphics card ID	0x1616	Trusted Platform Module (TPM)	✓
Graphics card Open GL support	✓	Password protection	✓
Audio		Operational Conditions	
Number of built-in speakers	2	Operating temperature range (T-T)	0 - 35 °C
Speaker power	2 W	Storage temperature range (T-T)	-40 - 65 °C
Built-in microphone	✓	Operating relative humidity range	10 - 90%
Camera		Storage relative humidity range	5 - 95%
Front camera	✓	Operating altitude	0 - 3048 m
Front camera resolution	1280 x 720 pixels	Non-operating altitude	0 - 10668 m
Network		Certificates	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Certification	BFR, PVC
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Sustainability	
Mobile network connection *	✗	Sustainability certificates	ENERGY STAR
Ethernet LAN connection	✓	Weight & Dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width	334.9 mm
Bluetooth	✓	Depth	231.2 mm
Bluetooth version	4.0	Height (rear)	2.29 cm

Network		Weight & Dimensions	
Bluetooth Low Energy (BLE)	✓	Weight *	1.81 kg
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		
Ethernet LAN (RJ-45) ports quantity	1		
HDMI ports quantity *	1		
VGA (D-Sub) ports quantity	1		
Combo headphone/mic port	✓		
Charging port type	DC-in jack		
Keyboard			
Pointing device	SinglePoint		
Numeric keypad *	✗		

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