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

Product type *	Notebook
Product colour *	Black
Form factor *	Clamshell

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1080 pixels
Touch screen *	✓
HD type	Full HD
Panel type	WLED
LED backlight	✓
Native aspect ratio	16:9
Display brightness	270 cd/m²

Processor

Processor manufacturer *	Intel
Processor generation	5th gen Intel® Core™ i5
Processor *	i5-5300U
Processor family *	Intel® Core™ i5
Processor frequency *	2.3 GHz
Processor boost frequency	2.9 GHz
Processor number of cores	2
Processor threads	4
System bus data transfer 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™ i5-5300 Mobile Series

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10 Pro

Processor special features

Intel Wireless Display (WiDi) Technology	✓
Intel® Smart Response Technology	✓
Intel Identity Protection Technology	✓
Intel Hyper-Threading Technology	✓
Intel Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✓
Enhanced Intel SpeedStep Technology	✓
Intel Clear Video HD Technology	✓
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 Trusted Execution Technology	✓
Intel Enhanced Halt State	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Intel® Secure Key	✓
Intel TSX-NI	✓
Intel Stable Image Platform Program (SIPP)	✓
Intel® OS Guard	✓

Processor

Processor codename	Broadwell
Bus type	DMI2
Stepping	F0
Thermal Design Power (TDP)	15 W
Configurable TDP-down	7.5 W
Configurable TDP-down frequency	0.6 GHz
Tjunction	105 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	2.0
PCI Express configurations	4x1, 2x4

Memory

Internal memory *	8 GB
Internal memory type	DDR3L-SDRAM
Memory clock speed	1600 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Total SSDs capacity	256 GB
Number of SSDs installed	1
Solid-state drive capacity	256 GB
Optical drive type *	✖
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✖
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 5500
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	900 MHz
Maximum on-board graphics card memory	16 GB
On-board graphics card DirectX version	11.2
On-board graphics card ID	0x1616
Graphics card Open GL support	✔

Audio

Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels

Network

Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Mobile network connection *	✖
Ethernet LAN connection	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0

Processor special features

Intel Clear Video Technology for MID	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	40 x 24 x 1.3 mm
Supported instruction sets	AVX 2.0
Processor code	SR23X
CPU configuration (max)	1
Embedded options available	✖
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	1.00
Intel Secure Key Technology version	1.00
Intel Small Business Advantage (SBA) version	1.00
Intel TSX-NI version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel FDI Technology	✔
Intel Fast Memory Access	✔
Processor ARK ID	85213
Conflict-Free processor	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	4
Battery capacity *	51 Wh
Battery voltage	7.4 V

Energy Management

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3.34 A
AC adapter output voltage	19.5 V

Security

Cable lock slot	✔
Trusted Platform Module (TPM)	✔
Password protection	✔

Operational Conditions

Operating temperature range (T-T)	0 - 35 °C
Storage temperature range (T-T)	-40 - 65 °C
Operating relative humidity range	10 - 90%
Storage relative humidity range	5 - 95%
Operating altitude	0 - 3048 m
Non-operating altitude	0 - 10668 m

Certificates

Certification	BFR, PVC

Sustainability

Sustainability certificates	ENERGY STAR

Weight & Dimensions

Width	334.9 mm
Depth	231.2 mm
Height (rear)	2.29 cm

Network

Bluetooth Low Energy (BLE)	✔

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 *	✘

Weight & Dimensions

Weight *	1.81 kg