



DELL Latitude E5450 Intel® Core™ i5 i5-5300U 35,6 cm (14") HD 8 GB DDR3L-SDRAM 250 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro

Brand : DELL

Product family: Latitude

Product code: E5450-NL-SB71

Product name : E5450



Design		Software	
Product type *	Laptop	Operating system installed *	Windows 10 Pro
Product colour *	Black	Processor special features	
Form factor *	Clamshell		
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	35.6 cm (14")	Intel® Smart Response Technology	✓
Display resolution *	1366 x 768 pixels	Intel® Identity Protection Technology (Intel® IPT)	✓
Touchscreen *	✗	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
HD type	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 (Intel® CVT HD)	✓
Display brightness	200 cd/m²	Intel Clear Video Technology	✓
Processor		Intel® InTru™ 3D Technology	✓
Processor manufacturer *	Intel	Intel® Insider™	✓
Processor family *	Intel® Core™ i5	Intel® Quick Sync Video Technology	✓
Processor generation	5th gen Intel® Core™ i5	Intel Flex Memory Access	✓
Processor model *	i5-5300U	Intel® Smart Cache	✓
Processor cores	2	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor threads	4	Intel Trusted Execution Technology	✓
Processor boost frequency	2.9 GHz	Intel Enhanced Halt State	✓
Processor frequency *	2.3 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
System bus rate	5 GT/s	Intel® Secure Key	✓
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		

Processor		Processor special features	
Processor codename	Broadwell	Intel TSX-NI	✓
Bus type	DMI2	Intel Stable Image Platform Program (SIPP)	✓
Stepping	F0	Intel® OS Guard	✓
Thermal Design Power (TDP)	15 W	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Configurable TDP-down	7.5 W	Intel 64	✓
Configurable TDP-down frequency	0.6 GHz	Execute Disable Bit	✓
Tjunction	105 °C	Idle States	✓
Maximum number of PCI Express lanes	12	Thermal Monitoring Technologies	✓
PCI Express slots version	2.0	Processor package size	40 x 24 x 1.3 mm
PCI Express configurations	4x1, 2x4	Supported instruction sets	AVX 2.0
Memory		Processor code	SR23X
Internal memory *	8 GB	CPU configuration (max)	1
Internal memory type	DDR3L-SDRAM	Embedded options available	✗
Memory clock speed	1600 MHz	Graphics & IMC lithography	14 nm
Memory form factor	SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	2x SO-DIMM	Intel Identity Protection Technology version	1.00
Maximum internal memory *	16 GB	Intel Smart Response Technology version	1.00
Storage		Intel Stable Image Platform Program (SIPP) version	1.00
Total storage capacity *	250 GB	Intel Secure Key Technology version	1.00
Storage media *	SSD	Intel Small Business Advantage (SBA) version	1.00
Total SSDs capacity	250 GB	Intel TSX-NI version	1.00
Number of SSDs installed	1	Intel Virtualization Technology (VT-x)	✓
SSD capacity	250 GB	Intel FDI Technology	✓
Optical drive type *	✗	Intel Fast Memory Access	✓
Card reader integrated	✓	Processor ARK ID	85213
Compatible memory cards	SD	Conflict-Free processor	✓
Graphics		Battery	
Discrete graphics card model *	Not available	Battery technology	Lithium Polymer (LiPo)
On-board graphics card *	✓	Number of battery cells	4
On-board GPU manufacturer	Intel	Battery capacity *	51 Wh
Discrete graphics card *	✗	Battery voltage	7.4 V
On-board graphics card family	Intel® HD Graphics	Power	
On-board graphics card model *	Intel® HD Graphics 5500	AC adapter power	65 W
On-board graphics card base frequency	300 MHz	AC adapter frequency	50 - 60 Hz
On-board graphics card dynamic frequency (max)	900 MHz	AC adapter input voltage	100 - 240 V
Maximum on-board graphics card memory	16 GB	AC adapter output current	3.34 A
On-board graphics card DirectX version	11.2	AC adapter output voltage	19.5 V
On-board graphics card ID	0x1616	DC-in jack	✓
Graphics card Open GL support	✓	Security	
Audio		Cable lock slot	✓
Number of built-in speakers	2	Trusted Platform Module (TPM)	✓
Speaker power	2 W	Password protection	✓
Built-in microphone	✓	Operational conditions	
Camera		Operating temperature (T-T)	0 - 35 °C
Front camera	✓	Storage temperature (T-T)	-40 - 65 °C
Front camera resolution	1280 x 720 pixels	Operating relative humidity (H-H)	10 - 90%
Network		Storage relative humidity (H-H)	5 - 95%
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Operating altitude	0 - 3048 m
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Non-operating altitude	0 - 10668 m
Mobile network connection *	✗		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		

Network		Certificates	
Bluetooth	✓	Certification	BFR, PVC
Bluetooth version	4.0	Sustainability	
Bluetooth Low Energy (BLE)	✓	Sustainability certificates	ENERGY STAR
Ports & interfaces		Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Width	334.9 mm
Ethernet LAN (RJ-45) ports	1	Depth	231.2 mm
HDMI ports quantity *	1	Height (rear)	2.29 cm
VGA (D-Sub) ports quantity	1	Weight *	1.81 kg
Combo headphone/mic port	✓		
Keyboard			
Numeric keypad *	✗		
Software			
Operating system architecture	64-bit		

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