



DELL Latitude 3450 Intel® Core™ i7 i7-5500U Laptop 35,6 cm (14") Full HD 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® 830M Windows 7 Professional Black

Brand : DELL

Product family: Latitude

Product code: 3450-7972

Product name : 3450



Intel Core i7-5500U (4M Cache, up to 3.00 GHz), 8GB DDR3L 1600MHz, 1 TB SATA HDD, 14" LED FHD 1920 x 1080, Intel HD Graphics 5500 + nVidia GeForce 830M, Gigabit LAN, WLAN, WebCam, Windows 7 Professional 64-bit / Windows 8.1

DELL Latitude 3450. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-5500U, Processor frequency: 2,4 GHz. Display diagonal: 35,6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 5500. Operating system installed: Windows 7 Professional. Product colour: Black



Design		Software	
Product type *	Laptop	Recovery operating system	Windows 8.1
Product colour *	Black	Operating system installed *	Windows 7 Professional
Form factor *	Clamshell	Processor special features	
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	35,6 cm (14")	Intel® Smart Response Technology	✓
Display resolution *	1920 x 1080 pixels	Intel® Identity Protection Technology (Intel® IPT)	✓
Touchscreen *	✗	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
HD type	Full HD	Intel® Turbo Boost Technology	2.0
LED backlight	✓	Enhanced Intel SpeedStep Technology	✓
Native aspect ratio	16:9	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Display surface	Matt	Intel Clear Video Technology	✓
Display brightness	200 cd/m²	Intel® InTru™ 3D Technology	✓
Processor		Intel® Insider™	✓
Processor manufacturer *	Intel	Intel® Quick Sync Video Technology	✓
Processor family *	Intel® Core™ i7	Intel Flex Memory Access	✓
Processor generation	5th gen Intel® Core™ i7	Intel® Smart Cache	✓
Processor model *	i7-5500U	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cores	2	Intel Trusted Execution Technology	✗
Processor threads	4	Intel Enhanced Halt State	✓
Processor boost frequency	3 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor frequency *	2,4 GHz	Intel® Secure Key	✓
System bus rate	5 GT/s	Intel TSX-NI	✗
Processor cache	4 MB		
Processor cache type	L3		
Processor socket	BGA 1168		
Processor lithography	14 nm		
Processor operating modes	32-bit, 64-bit		
Processor series	Intel Core i7-5500 Mobile Series		

Processor		Processor special features	
Processor codename	Broadwell	Intel Stable Image Platform Program (SIPP)	✗
Bus type	DMI2	Intel® OS Guard	✓
Stepping	F0	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Thermal Design Power (TDP)	15 W	Intel 64	✓
Configurable TDP-down	7,5 W	Execute Disable Bit	✓
Configurable TDP-down frequency	0,6 GHz	Idle States	✓
Tjunction	105 °C	Thermal Monitoring Technologies	✓
Maximum number of PCI Express lanes	12	Processor package size	40 x 24 x 1.3 mm
PCI Express slots version	2.0	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
PCI Express configurations	4x1, 2x4	Processor code	SR23W
Memory		CPU configuration (max)	1
Internal memory *	8 GB	Embedded options available	✗
Internal memory type	DDR3L-SDRAM	Graphics & IMC lithography	14 nm
Memory clock speed	1600 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory form factor	SO-DIMM	Intel Identity Protection Technology version	1,00
Memory layout (slots x size)	1 x 8 GB	Intel Smart Response Technology version	1,00
Memory slots	2x SO-DIMM	Intel Stable Image Platform Program (SIPP) version	0,00
Maximum internal memory *	16 GB	Intel Secure Key Technology version	1,00
Storage		Intel Small Business Advantage (SBA) version	1,00
Total storage capacity *	1 TB	Intel TSX-NI version	0,00
Storage media *	HDD	Intel Virtualization Technology (VT-x)	✓
Number of HDDs installed	1	Intel FDI Technology	✓
HDD capacity	1 TB	Intel Fast Memory Access	✓
HDD interface	SATA	Processor ARK ID	85214
HDD speed	7200 RPM	Conflict-Free processor	✓
HDD size	2.5"	Battery	
Optical drive type *	✗	Battery technology	Lithium-Ion (Li-Ion)
Card reader integrated	✓	Number of battery cells	3
Compatible memory cards	MS PRO, Memory Stick (MS), SD, SDHC, SDXC	Battery capacity *	43 Wh
Graphics		Battery voltage	11,1 V
Discrete graphics card model *	NVIDIA® GeForce® 830M	Power	
On-board graphics card *	✓	AC adapter power	65 W
Discrete graphics card *	✓	AC adapter frequency	50 - 60 Hz
On-board graphics card family	Intel® HD Graphics	AC adapter input voltage	100 - 240 V
On-board graphics card model *	Intel® HD Graphics 5500	AC adapter output current	3,34 A
On-board graphics card base frequency	300 MHz	AC adapter output voltage	19.5 V
On-board graphics card dynamic frequency (max)	950 MHz	DC-in jack	✓
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	Password protection	✓
Audio		Password protection type	BIOS, Supervisor, User
Audio chip	Realtek ALC3234	Operational conditions	
Number of built-in speakers	2	Operating temperature (T-T)	0 - 35 °C
Speaker power	2 W	Storage temperature (T-T)	-40 - 65 °C
Built-in microphone	✓	Operating relative humidity (H-H)	10 - 90%
Camera		Storage relative humidity (H-H)	10 - 95%
Front camera	✓	Operating altitude	-15,2 - 3048 m
Front camera resolution (numeric)	1 MP	Non-operating altitude	-15,2 - 10668 m
Front camera resolution	1280 x 720 pixels	Sustainability	
Video capturing speed	30 fps	Sustainability certificates	ENERGY STAR
Network			
Wi-Fi	✓		

Network		Weight & dimensions	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width	342 mm
Ethernet LAN	✓	Depth	245,9 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height	22,2 mm
Bluetooth	✓	Weight *	1,9 kg
Bluetooth version	4.0	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 2.0 ports quantity *	1	Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Quick start guide	✓
Ethernet LAN (RJ-45) ports	1	Warranty card	✓
HDMI ports quantity *	1	Power cord included	✓
DVI port	✗	Other features	
VGA (D-Sub) ports quantity	1	Maximum internal memory (64-bit)	16 GB
Combo headphone/mic port	✓	Intel segment tagging	Small Business
Docking connector	✗		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Windows keys	✓		
Software			
Operating system architecture	64-bit		



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