



## DELL Latitude E7450 Intel® Core™ i7 i7-5600U Laptop 35.6 cm (14") Full HD 8 GB DDR3L-SDRAM 256 GB SSD 802.11ad Windows 7 Professional Black

Brand : DELL

Product family: Latitude

Product code: 7450-6997

Product name : E7450

14" (1920 x 1080, LED), Intel Core i7-5600U, 8GB (DDR3L), 256GB (SSD), Intel HD Graphics 5500, Windows 7 Professional (64 bit) / Windows 8.1, 802.11 a/b/g/n/ac/ad, Bluetooth 4.0 LE, 3 x USB 3.0, 1 x HDMI, 1 x LAN, 1 x Mini DisplayPort, 1.56 kg

DELL Latitude E7450. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: i7-5600U, Processor frequency: 2.6 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: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 5500. Operating system installed: Windows 7 Professional. Product colour: Black



Design		Processor special features	
Product type *	Laptop	Intel Wireless Display (WiDi) Technology	✓
Product colour *	Black	Intel My WiFi Technology	✗
Form factor *	Clamshell	Intel Smart Connect Technology	✗
Housing material	Magnesium	Intel Anti-Theft Technology	✗
Market positioning	Business	Intel® Rapid Start Technology	✗
Display		Intel® Smart Response Technology	✓
Display diagonal *	35.6 cm (14")	Intel Identity Protection Technology	✓
Display resolution *	1920 x 1080 pixels	Intel Hyper-Threading Technology	✓
Touch screen *	✗	Intel Turbo Boost Technology	2.0
HD type	Full HD	Intel® Small Business Advantage (Intel® SBA)	✓
LED backlight	✓	Intel Matrix Storage Technology	✗
Native aspect ratio	16:9	Intel HD Audio Technology	✗
Display brightness	300 cd/m²	Intel Active Management Technology	✗
Pixel pitch	0.161 x 0.161 mm	Enhanced Intel SpeedStep Technology	✓
Processor		Intel® Built-in Visuals Technology	✓
Processor manufacturer *	Intel	Intel HD Graphics	✓
Processor family *	Intel® Core™ i7	Intel Clear Video HD Technology	✓
Processor generation	5th gen Intel® Core™ i7	Intel Clear Video Technology	✓
Processor *	i7-5600U	Intel® InTru™ 3D Technology	✓
Processor number of cores	2	Intel® Insider™	✓
Processor threads	4	Intel® Quick Sync Video Technology	✓
Processor boost frequency	3.2 GHz	Intel Flex Memory Access	✓
Processor frequency *	2.6 GHz	Intel® Smart Cache	✓
System bus data transfer rate	5 GT/s	Intel AES New Instructions	✓
Processor cache	4 MB	Intel Trusted Execution Technology	✓
Processor cache type	L3		
Processor socket	BGA 1168		
Processor lithography	14 nm		
Processor operating modes	32-bit, 64-bit		
Processor series	Intel Core i7-5600 Mobile Series		

Processor		Processor special features	
Processor codename	Broadwell	Intel Enhanced Halt State	✓
Bus type	DMI2	Intel VT-x with Extended Page Tables (EPT)	✓
FSB Parity	✗	Intel Demand Based Switching	✗
Stepping	F0	Intel® Secure Key	✓
Thermal Design Power (TDP)	15 W	Intel TSX-NI	✓
Configurable TDP-down	7.5 W	Intel Stable Image Platform Program (SIPP)	✓
Configurable TDP-down frequency	0.6 GHz	Intel® OS Guard	✓
Tjunction	105 °C	Intel Clear Video Technology for MID	✓
Maximum number of PCI Express lanes	12	Intel 64	✓
PCI Express slots version	2.0	Execute Disable Bit	✓
PCI Express configurations	4x1, 2x4	Idle States	✓
ECC supported by processor	✗	Thermal Monitoring Technologies	✓
Memory		Processor package size	40 x 24 x 1.3 mm
Internal memory *	8 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Internal memory type	DDR3L-SDRAM	Processor code	SR23V
Memory clock speed	1600 MHz	CPU configuration (max)	1
Memory form factor	SO-DIMM	Embedded options available	✗
Memory slots	2x SO-DIMM	Graphics & IMC lithography	14 nm
Maximum internal memory *	16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage		Intel Identity Protection Technology version	1.00
Total storage capacity *	256 GB	Intel Smart Response Technology version	1.00
Storage media *	SSD	Intel Stable Image Platform Program (SIPP) version	1.00
Number of SSDs installed	1	Intel Secure Key Technology version	1.00
Solid-state drive capacity	256 GB	Intel Small Business Advantage (SBA) version	1.00
Solid-state drive interfaces	SATA III	Intel TSX-NI version	1.00
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Intel Dual Display Capable Technology	✗
Compatible memory cards	SD	Intel FDI Technology	✓
Graphics		Intel Rapid Storage Technology	✗
Discrete graphics card model *	Not available	Intel Fast Memory Access	✓
On-board graphics card *	✓	Processor ARK ID	85215
Discrete graphics card *	✗	Conflict-Free processor	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 5500	Battery technology	Lithium Polymer (LiPo)
On-board graphics card base frequency	300 MHz	Number of battery cells	4
On-board graphics card dynamic frequency (max)	950 MHz	Battery capacity *	54 Wh
Maximum on-board graphics card memory	16 GB	Battery voltage	7.4 V
On-board graphics card DirectX version	11.2	Energy Management	
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	✓
Speaker power	2 W	Fingerprint reader	✓
Built-in microphone	✓	Trusted Platform Module (TPM)	✓
Camera		Operational Conditions	
Front camera	✓	Operating temperature range (T-T)	0 - 60 °C
Network		Storage temperature range (T-T)	-51 - 71 °C
Wi-Fi	✓	Operating relative humidity range	10 - 90%
Top Wi-Fi standard *	802.11ad		

Network		Operational Conditions	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11ad, 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Storage relative humidity range	5 - 95%
Ethernet LAN connection	✓	Operating altitude	-15.2 - 3048 m
Ethernet LAN data rates	10,100,1000 Mbit/s	Non-operating altitude	-15.2 - 10668 m
Bluetooth	✓	Sustainability	
Bluetooth version	4.0	Sustainability certificates	ENERGY STAR
Bluetooth Low Energy (BLE)	✓	Weight & Dimensions	
Ports & interfaces		Width	337 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Depth	231.5 mm
Ethernet LAN (RJ-45) ports quantity	1	Height	20.4 mm
HDMI ports quantity *	1	Weight *	1.56 kg
Mini DisplayPort quantity	1	Packaging Content	
DVI port	✗	AC adapter bundled *	✓
S/PDIF out port	✗	Manual	✓
Microphone in	✗	Power cord included	✓
Combo headphone/mic port	✓	Other features	
ExpressCard slot	✗	LightScribe	✗
CardBus PCMCIA slot type	✗	Maximum internal memory (64-bit)	16 GB
SmartCard slot	✓	Intel Virtualization Technology	VT-d, VT-x
USB Sleep-and-Charge	✓	Intel segment tagging	Enterprise
USB Sleep-and-Charge ports	1		
Performance			
Motherboard chipset	Intel Wildcat Point-LP		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Keyboard backlit	✓		
Windows keys	✓		
Software			
Operating system architecture	64-bit		
Recovery operating system	Windows 8.1		
Operating system installed *	Windows 7 Professional		



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### Catalog Object Cloud



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