DELL Latitude E5430 Intel® Core™ i7 i7-3540M Laptop 35.6 cm (14") HD+ 8 GB DDR3-SDRAM 128 GB SSD Windows 7 Professional English Grey, Silver

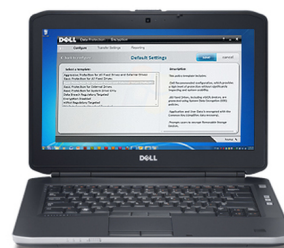**Brand :** DELL   **Product family:** Latitude   **Product code:** 5430-7223

Product name : E5430

Latitude E5430 - Intel Core i7-3540M (4M Cache, 3.00 GHz), 8GB 1600MHz DDR3 SDRAM, 128GB SATA SSD, DVD±RW, Intel HD Graphics 4000, 35.56 cm (14 ") LED (1600 x 900), Gigabit Ethernet, 802.11n, Bluetooth 4.0, HD Webcam, Windows 7 Professional 64-bit
DELL Latitude E5430. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: i7-3540M, Processor frequency: 3 GHz. Display diagonal: 35.6 cm (14"), HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 128 GB, Storage media: SSD, Optical drive: DVD±RW. Operating system installed: Windows 7 Professional. Product colour: Grey, Silver

Design

Product type *	Laptop
Product colour *	Grey, Silver
Form factor *	Clamshell

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1600 x 900 pixels
Touchscreen *	✗
HD type	HD+
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	3rd gen Intel® Core™ i7
Processor *	i7-3540M
Processor number of cores	2
Processor threads	4
Processor boost frequency	3.7 GHz
Processor frequency *	3 GHz
System bus data transfer rate	5 GT/s
Processor cache	4 MB
Processor cache type	Smart Cache
Processor socket	BGA 1023
Processor lithography	22 nm
Processor operating modes	64-bit
Processor series	Intel Core i7-3500 Mobile series
Processor codename	Ivy Bridge
Bus type	DMI

Ports & interfaces

ExpressCard slot	✔
CardBus PCMCIA slot type	✗

Performance

Chipset	Intel HM77 Express

Keyboard

Pointing device	Touchpad
Numeric keypad *	✗
Keyboard language	English

Software

Operating system architecture	64-bit
Operating system installed *	Windows 7 Professional
Bundled software	Dell Webcam Central

Processor special features

Intel Wireless Display (WiDi) Technology	✔
Intel My WiFi Technology	✔
Intel Anti-Theft Technology	✔
Intel Identity Protection Technology	✔
Intel Hyper-Threading Technology	✔
Intel Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✗
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔

Processor

FSB Parity	✗
Stepping	L1
Thermal Design Power (TDP)	35 W
Tjunction	105 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	3.0
PCI Express configurations	1x8, 1x16, 2x4, 2x8
CPU multiplier (bus/core ratio)	30
ECC supported by processor	✗

Memory

Internal memory *	8 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 4 GB
Memory slots	2x SO-DIMM
Memory, maximum *	8 GB

Storage

Total storage capacity *	128 GB
Storage media *	SSD
Number of SSDs installed	1
Solid-state drive capacity	128 GB
Solid-state drive interfaces	SATA
Optical drive *	DVD±RW
Card reader integrated	✔

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 4000
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1300 MHz
On-board graphics card ID	0x166

Audio

Built-in microphone	✔

Network

Wi-Fi	✔
Wi-Fi standards	802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN connection	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0
Cabling technology	10/100/1000Base-T(X)
Networking standards	IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3u

Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
eSATA/USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✗

Processor special features

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 Demand Based Switching	✗
Intel® Secure Key	✔
Intel Clear Video Technology for MID	✗
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	37.5 x 37.5 (rPGA988B); 31.0 x 24.0 (BGA1023)
Supported instruction sets	AVX
Processor code	SR0X8
CPU configuration (max)	1
Embedded options available	✗
Graphics & IMC lithography	22 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✗
Intel Fast Memory Access	✔
Processor ARK ID	71255
Conflict-Free processor	✔
Integrated 4G WiMAX	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery capacity *	60 Wh

Power

DC-in jack	✔

Security

Cable lock slot	✗

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	350 mm
Depth	240 mm
Height (front)	2.99 cm
Height (rear)	3.25 cm
Weight *	2.04 kg

Packaging content

AC adapter included *	✔

Ports & interfaces		Other features	
VGA (D-Sub) ports quantity	1	Maximum internal memory (64-bit)	8 GB
S/PDIF out port	✘		
Microphone in	✘		
Combo headphone/mic port	✔		
Docking connector	✔		

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