



DELL Inspiron 5423 Intel® Core™ i5 i5-3337U Laptop 35.6 cm (14") 6 GB DDR3-SDRAM 532 GB HDD+SSD Windows 8 Black, Silver

Brand : DELL

Product family: Inspiron

Product code: I14Z-2960SLV

Product name : 5423

Inspiron 14Z (5423) - Intel Core i5-3337U (3M Cache, up to 2.70 GHz), HM77 Chipset, 6GB DDR3 1600MHz, 500GB HDD + 32GB SSD, 14" LED HD (1366x768), 802.11 a/b/g/n, Bluetooth 4.0, Windows 8 64-bit

DELL Inspiron 5423. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-3337U, Processor frequency: 1.8 GHz. Display diagonal: 35.6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 6 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 532 GB, Storage media: HDD+SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 8. Product colour: Black, Silver



Design		Processor special features	
Product type *	Laptop	Intel Wireless Display (WiDi) Technology	✓
Product colour *	Black, Silver	Intel My WiFi Technology	✓
Form factor *	Clamshell	Intel Smart Connect Technology	✗
Market positioning	Business	Intel Anti-Theft Technology	✓
Display		Intel® Rapid Start Technology	✗
Display diagonal *	35.6 cm (14")	Intel® Smart Response Technology	✗
Display resolution *	1366 x 768 pixels	Intel Identity Protection Technology	✓
LED backlight	✓	Intel Hyper-Threading Technology	✓
Native aspect ratio	16:9	Intel Turbo Boost Technology	2.0
Pixel pitch	0.2265 x 0.2265 mm	Intel® Small Business Advantage (Intel® SBA)	✗
Processor		Intel Matrix Storage Technology	✗
Processor manufacturer *	Intel	Intel HD Audio Technology	✗
Processor family *	Intel® Core™ i5	Intel Active Management Technology	✗
Processor generation	3rd gen Intel® Core™ i5	Enhanced Intel SpeedStep Technology	✓
Processor *	i5-3337U	Intel Clear Video HD Technology	✓
Processor number of cores	2	Intel Clear Video Technology	✗
Processor threads	4	Intel® InTru™ 3D Technology	✓
Processor boost frequency	2.7 GHz	Intel® Insider™	✓
Processor frequency *	1.8 GHz	Intel® Quick Sync Video Technology	✓
System bus data transfer rate	5 GT/s	Intel Flex Memory Access	✓
Processor cache	3 MB	Intel® Smart Cache	✓
Processor cache type	Smart Cache	Intel AES New Instructions	✓
Processor socket	BGA 1023	Intel Trusted Execution Technology	✗
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i5-3300 Mobile series		
Processor codename	Ivy Bridge		

Processor		Processor special features	
Bus type	DMI	Intel Enhanced Halt State	✓
FSB Parity	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Stepping	L1	Intel Demand Based Switching	✗
Thermal Design Power (TDP)	17 W	Intel® Secure Key	✓
Tjunction	105 °C	Intel Clear Video Technology for MID	✗
Maximum number of PCI Express lanes	16	Intel 64	✓
PCI Express slots version	2.0	Execute Disable Bit	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Idle States	✓
CPU multiplier (bus/core ratio)	18	Thermal Monitoring Technologies	✓
ECC supported by processor	✗	Processor package size	31 x 24 (BGA1023)
Memory		Supported instruction sets	AVX
Internal memory *	6 GB	Processor code	SR0XL
Internal memory type	DDR3-SDRAM	CPU configuration (max)	1
Memory clock speed	1600 MHz	Embedded options available	✗
Memory slots	2x SO-DIMM	Graphics & IMC lithography	22 nm
Maximum internal memory *	8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage		Intel Identity Protection Technology version	1.00
Total storage capacity *	532 GB	Intel Secure Key Technology version	1.00
Storage media *	HDD+SSD	Intel Virtualization Technology (VT-x)	✓
Number of hard drives installed	1	Intel Dual Display Capable Technology	✓
Hard drive capacity	500 GB	Intel FDI Technology	✓
Hard drive size	2.5"	Intel Rapid Storage Technology	✗
Number of SSDs installed	1	Intel Fast Memory Access	✓
Solid-state drive capacity	32 GB	Processor ARK ID	72055
Optical drive type *	DVD±RW	Conflict-Free processor	✓
Card reader integrated	✓	Integrated 4G WiMAX	✓
Compatible memory cards	SD, SDIO, SDXC	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card *	✓	Number of battery cells	6
On-board graphics card family	Intel® HD Graphics	Energy Management	
On-board graphics card model *	Intel® HD Graphics 4000	AC adapter frequency	50 - 60 Hz
On-board graphics card base frequency	350 MHz	AC adapter input voltage	100 - 240 V
On-board graphics card dynamic frequency (max)	1100 MHz	DC-in jack	✓
On-board graphics card ID	0x166	Security	
Audio		Cable lock slot	✗
Audio system	HD	Password protection	✓
Number of built-in speakers	2	Password protection type	BIOS
Speaker power	2 W	Operational Conditions	
Built-in microphone	✓	Operating temperature range (T-T)	0 - 35 °C
Camera		Storage temperature range (T-T)	-40 - 65 °C
Front camera	✓	Operating relative humidity range	10 - 90%
Front camera resolution (numeric)	0.92 MP	Storage relative humidity range	10 - 95%
Front camera resolution	1280 x 720 pixels	Operating altitude	-15.2 - 3048 m
Video capturing speed	30 fps	Non-operating altitude	-15.2 - 10668 m
Network		Operating shock	110 G
4G standard	WiMAX	Non-operating shock	160 G
Wi-Fi	✓	Operating vibration	0.66 G
Wi-Fi standards	802.11a, 802.11b, 802.11g	Non-operating vibration	1.3 G
Ethernet LAN connection	✓	Weight & Dimensions	
Ethernet LAN data rates	10,100 Mbit/s	Width	347 mm
Bluetooth	✓	Depth	240 mm
WWAN	Installed	Height	21 mm

Ports & interfaces		Weight & Dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight *	1.92 kg
Ethernet LAN (RJ-45) ports quantity	1	Packaging Content	
HDMI ports quantity *	1	AC adapter bundled *	✓
DVI port	✗	Manual	✓
S/PDIF out port	✗	Power cord included	✓
Microphone in	✗	Other features	
Combo headphone/mic port	✓	Maximum internal memory (64-bit)	8 GB
Docking connector	✗	Intel Virtualization Technology	VT-d, VT-x
ExpressCard slot	✗	Intel segment tagging	Home office
CardBus PCMCIA slot type	✗		
Performance			
Motherboard chipset	Intel HM77 Express		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Windows keys	✓		
Software			
Operating system architecture	64-bit		
Drivers included	✓		
Operating system installed *	Windows 8		

Catalog Object Cloud



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