



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 model: 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® My WiFi Technology (Intel® MWT)	✓
Product colour *	Black, Silver	Intel Smart Connect Technology	✗
Form factor *	Clamshell	Intel® Anti-Theft Technology (Intel® AT)	✓
Market positioning	Business	Intel® Rapid Start Technology	✗
Display		Intel® Smart Response Technology	✗
Display diagonal *	35,6 cm (14")	Intel® Identity Protection Technology (Intel® IPT)	✓
Display resolution *	1366 x 768 pixels	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
LED backlight	✓	Intel® Turbo Boost Technology	2.0
Native aspect ratio	16:9	Intel® Small Business Advantage (Intel® SBA)	✗
Pixel pitch	0,2265 x 0,2265 mm	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor		Intel® High Definition Audio (Intel® HD Audio)	✗
Processor manufacturer *	Intel	Intel® Active Management Technology (Intel® AMT)	✗
Processor family *	Intel® Core™ i5	Enhanced Intel SpeedStep Technology	✓
Processor generation	3rd gen Intel® Core™ i5	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor model *	i5-3337U	Intel Clear Video Technology	✗
Processor cores	2	Intel® InTru™ 3D Technology	✓
Processor threads	4	Intel® Insider™	✓
Processor boost frequency	2,7 GHz	Intel® Quick Sync Video Technology	✓
Processor frequency *	1,8 GHz	Intel Flex Memory Access	✓
System bus rate	5 GT/s		
Processor cache	3 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1023		
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® Smart Cache	✓
FSB Parity	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	L1	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	17 W	Intel Enhanced Halt State	✓
Tjunction	105 °C	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	16	Intel Demand Based Switching	✗
PCI Express slots version	2.0	Intel® Secure Key	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
CPU multiplier (bus/core ratio)	18	Intel 64	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Idle States	✓
Internal memory *	6 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR3-SDRAM	Processor package size	31 x 24 (BGA1023)
Memory clock speed	1600 MHz	Supported instruction sets	AVX
Memory slots	2x SO-DIMM	Processor code	SR0XL
Maximum internal memory *	8 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	532 GB	Graphics & IMC lithography	22 nm
Storage media *	HDD+SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of HDDs installed	1	Intel Identity Protection Technology version	1,00
HDD capacity	500 GB	Intel Secure Key Technology version	1,00
HDD size	2.5"	Intel Virtualization Technology (VT-x)	✓
Number of SSDs installed	1	Intel Dual Display Capable Technology	✓
SSD capacity	32 GB	Intel FDI Technology	✓
Optical drive type *	DVD±RW	Intel Rapid Storage Technology	✗
Card reader integrated	✓	Intel Fast Memory Access	✓
Compatible memory cards	SD, SDIO, SDXC	Processor ARK ID	72055
Graphics		Conflict-Free processor	✓
On-board graphics card *	✓	Integrated 4G WiMAX	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 4000	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card base frequency	350 MHz	Number of battery cells	6
On-board graphics card dynamic frequency (max)	1100 MHz	Power	
On-board graphics card ID	0x166	AC adapter frequency	50 - 60 Hz
Audio		AC adapter input voltage	100 - 240 V
Audio system	HD	DC-in jack	✓
Number of built-in speakers	2	Security	
Speaker power	2 W	Cable lock slot	✗
Built-in microphone	✓	Password protection	✓
Camera		Password protection type	BIOS
Front camera	✓	Operational conditions	
Front camera resolution (numeric)	0,92 MP	Operating temperature (T-T)	0 - 35 °C
Front camera resolution	1280 x 720 pixels	Storage temperature (T-T)	-40 - 65 °C
Video capturing speed	30 fps	Operating relative humidity (H-H)	10 - 90%
Network		Storage relative humidity (H-H)	10 - 95%
4G standard	WiMAX	Operating altitude	-15,2 - 3048 m
Wi-Fi	✓	Non-operating altitude	-15,2 - 10668 m
Wi-Fi standards	802.11a, 802.11b, 802.11g	Operating shock	110 G
Ethernet LAN	✓	Non-operating shock	160 G
Ethernet LAN data rates	10,100 Mbit/s	Operating vibration	0,66 G
Bluetooth	✓		
WWAN	Installed		

Ports & interfaces		Operational conditions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Non-operating vibration	1,3 G
Ethernet LAN (RJ-45) ports	1	Weight & dimensions	
HDMI ports quantity *	1	Width	347 mm
DVI port	✗	Depth	240 mm
S/PDIF out port	✗	Height	21 mm
Microphone in	✗	Weight *	1,92 kg
Combo headphone/mic port	✓	Packaging content	
Docking connector	✗	AC adapter included *	✓
ExpressCard slot	✗	Manual	✓
CardBus PCMCIA slot type	✗	Power cord included	✓
Performance		Other features	
Motherboard chipset	Intel HM77 Express	Maximum internal memory (64-bit)	8 GB
Keyboard		Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Pointing device	Touchpad	Intel segment tagging	Home office
Numeric keypad *	✗		
Windows keys	✓		
Software			
Operating system architecture	64-bit		
Drivers included	✓		
Operating system installed *	Windows 8		
Processor special features			
Intel® Wireless Display (Intel® WiDi)	✓		

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