



DELL Inspiron 3437 Intel® Core™ i5 i5-4200U Laptop 35,6 cm (14") 6 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GT 720M Wi-Fi 4 (802.11n) Windows 8 Black

Brand : DELL

Product family: Inspiron

Product code: I14-3437-A40

Product name : 3437

Intel Core i5-4200U (3M Cache, up to 2.60 GHz), Intel HM76, 6GB DDR3L 1600MHz, 1TB SATA HDD, 14" HD (1366x768), nVidia GeForce GT 720M 2GB, DVD Super Multi, Fast LAN, WLAN, Bluetooth, WebCam, 4-Cell, Windows 8 64-bit

DELL Inspiron 3437. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-4200U, Processor frequency: 1,6 GHz. Display diagonal: 35,6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 6 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 8. Product colour: Black



Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Black	Operating system installed *	Windows 8
Form factor *	Clamshell	Processor special features	
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	35,6 cm (14")	Intel® My WiFi Technology (Intel® MWT)	✓
Display resolution *	1366 x 768 pixels	Intel Smart Connect Technology	✓
LED backlight	✓	Intel® Anti-Theft Technology (Intel® AT)	✓
Native aspect ratio	16:9	Intel® Rapid Start Technology	✗
Display surface	Matt	Intel® Smart Response Technology	✗
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor generation	4th gen Intel® Core™ i5	Intel® Small Business Advantage (Intel® SBA)	✗
Processor model *	i5-4200U	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor cores	2	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor threads	4	Intel® Active Management Technology (Intel® AMT)	✗
Processor boost frequency	2,6 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	1,6 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	3 MB	Intel Clear Video Technology	✗
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	BGA 1168		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i5-4200 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		
FSB Parity	✗		
Stepping	C0		
Thermal Design Power (TDP)	15 W		

Processor		Processor special features	
Tjunction	100 °C	Intel® Insider™	✓
Maximum number of PCI Express lanes	12	Intel® Quick Sync Video Technology	✓
PCI Express slots version	2.0	Intel Flex Memory Access	✗
PCI Express configurations	1x4, 2x4	Intel® AES New Instructions (Intel® AES-NI)	✓
ECC supported by processor	✗	Intel Trusted Execution Technology	✗
Memory		Intel Enhanced Halt State	✓
Internal memory *	6 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	DDR3L-SDRAM	Intel Demand Based Switching	✗
Memory clock speed	1600 MHz	Intel® Secure Key	✓
Memory form factor	SO-DIMM	Intel TSX-NI	✗
Memory layout (slots x size)	1 x 2 + 1 x 4 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	8 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	40 x 24 x 1.5 mm
Number of hard drives installed	1	Supported instruction sets	AVX 2.0
Hard drive capacity	1 TB	Processor code	SR170
Hard drive interface	SATA	CPU configuration (max)	1
Hard drive speed	5400 RPM	Embedded options available	✗
Hard drive size	2.5"	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Optical drive type *	DVD Super Multi	Intel Smart Connect Technology version	1,00
Card reader integrated	✓	Intel Identity Protection Technology version	1,00
Compatible memory cards	Memory Stick (MS), MMC, MMC+, MS PRO, MSXC, SD, SDHC, SDXC	Intel Secure Key Technology version	1,00
Graphics		Intel ME Firmware Version	9.5
Discrete graphics card model *	NVIDIA® GeForce® GT 720M	Intel TSX-NI version	0,00
Discrete graphics memory type	GDDR3	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel Dual Display Capable Technology	✗
Discrete graphics card *	✓	Intel FDI Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel Rapid Storage Technology	✓
On-board graphics card model *	Intel® HD Graphics 4400	Intel Fast Memory Access	✗
On-board graphics card base frequency	200 MHz	Processor ARK ID	75459
On-board graphics card dynamic frequency (max)	1000 MHz	Conflict-Free processor	✓
Maximum on-board graphics card memory	1,74 GB	Battery	
On-board graphics card DirectX version	12	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card ID	0xA16	Power	
Number of discrete graphics cards supported	1	AC adapter frequency	50 - 60 Hz
Number of discrete graphics cards installed	1	AC adapter input voltage	100 - 240 V
Audio		AC adapter output voltage	19.5 V
Audio system	MaxxAudio 4	DC-in jack	✓
Number of built-in speakers	2	Security	
Speakers manufacturer	Waves	Cable lock slot	✓
Speaker power	2 W	Password protection	✓
Built-in microphone	✓	Operational conditions	
Camera		Operating temperature (T-T)	0 - 35 °C
Front camera	✓	Storage temperature (T-T)	-40 - 65 °C
Front camera resolution (numeric)	0,92 MP	Operating relative humidity (H-H)	10 - 90%
Front camera resolution	1280 x 720 pixels	Storage relative humidity (H-H)	5 - 90%
Network		Operating altitude	-15,2 - 3048 m
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)		

Network		Operational conditions	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Non-operating altitude	-15,2 - 10668 m
Ethernet LAN	✓	Operating shock	110 G
Ethernet LAN data rates	10,100 Mbit/s	Non-operating shock	160 G
Bluetooth	✓	Operating vibration	0,66 G
Bluetooth version	4.0	Non-operating vibration	1,3 G
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	1	Width	346 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	245 mm
Ethernet LAN (RJ-45) ports	1	Height	25,4 mm
HDMI ports quantity *	1	Weight *	1,98 kg
HDMI version	1.4a	Packaging content	
DVI port	✗	AC adapter included *	✓
S/PDIF out port	✗	Manual	✓
Microphone in	✗	Power cord included	✓
Combo headphone/mic port	✓	Other features	
Docking connector	✗	Maximum internal memory (64-bit)	8 GB
ExpressCard slot	✗	Intel® Virtualization Technology (Intel® VT)	VT-x
CardBus PCMCIA slot type	✗	Intel segment tagging	Home office
SmartCard slot	✗		
Total number of SATA connectors	4		
Number of SATA III connectors	4		
Performance			
Motherboard chipset	Intel HM76 Express		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Windows keys	✓		

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