



## DELL Inspiron 3420 Intel® Core™ i5 i5-3210M Laptop 35.6 cm (14") 6 GB DDR3-SDRAM 750 GB HDD Wi-Fi 4 (802.11n) Windows 8 English Black

**Brand :** DELL

**Product family:** Inspiron

**Product code:**  
I14I53210\_675W8C

**Product name :** 3420

Inspiron 14 - Intel Core i5-3210M (3M Cache, 2.50 GHz), 6GB 1600MHz DDR3 SDRAM, 750GB 5400rpm SATA HDD, 8x DVD+/-RW, Intel HD Graphics 4000, 14.0" LED (1366 x 768), Fast Ethernet, 802.11 b/g/n, Bluetooth 4.0 + HS, 1.0MP HD Webcam, Windows 8

DELL Inspiron 3420. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-3210M, Processor frequency: 2.5 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: 750 GB, Storage media: HDD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 8. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	ExpressCard slot	×
Product colour *	Black	CardBus PCMCIA slot type	×
Form factor *	Clamshell	SmartCard slot	×
Display		Performance	
Display diagonal *	35.6 cm (14")	Motherboard chipset	Intel® HM75 Express
Display resolution *	1366 x 768 pixels	Keyboard	
Touchscreen *	×	Pointing device	Touchpad
LED backlight	✓	Numeric keypad *	×
Native aspect ratio	16:9	Keyboard language	English
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i5	Trial software	McAfee SecurityCenter
Processor generation	3rd gen Intel® Core™ i5	Operating system installed *	Windows 8
Processor model *	i5-3210M	Processor special features	
Processor cores	2	Intel® Wireless Display (Intel® WiDi)	✓
Processor threads	4	Intel® My WiFi Technology (Intel® MWT)	✓
Processor boost frequency	3.1 GHz	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor frequency *	2.5 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
System bus rate	5 GT/s	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cache	3 MB	Intel® Turbo Boost Technology	2.0
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Processor socket	BGA 1023	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	22 nm	Intel Clear Video Technology	×
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i5-3200 Mobile series	Intel® Insider™	✓
Processor codename	Ivy Bridge	Intel® Quick Sync Video Technology	✓
Bus type	DMI		
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		

Processor		Processor special features	
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Flex Memory Access	✓
CPU multiplier (bus/core ratio)	25	Intel® Smart Cache	✓
ECC supported by processor	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel Trusted Execution Technology	✗
Internal memory *	6 GB	Intel Enhanced Halt State	✓
Internal memory type	DDR3-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	1600 MHz	Intel Demand Based Switching	✗
Memory layout (slots x size)	1 x 2 + 1 x 4 GB	Intel® Secure Key	✓
Memory slots	2x SO-DIMM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Maximum internal memory *	16 GB	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	750 GB	Idle States	✓
Storage media *	HDD	Thermal Monitoring Technologies	✓
Number of HDDs installed	1	Processor package size	31.0 x 24.0 (BGA1023)
HDD capacity	750 GB	Supported instruction sets	AVX
HDD interface	SATA	Processor code	SR0N0
HDD speed	5400 RPM	CPU configuration (max)	1
Optical drive type *	DVD±RW	Embedded options available	✗
Card reader integrated	✓	Graphics & IMC lithography	22 nm
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	Not available	Intel Identity Protection Technology version	1.00
On-board graphics card *	✓	Intel Secure Key Technology version	1.00
Discrete graphics card *	✗	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Intel Dual Display Capable Technology	✓
On-board graphics card model *	Intel® HD Graphics 4000	Intel FDI Technology	✓
On-board graphics card base frequency	650 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Fast Memory Access	✓
On-board graphics card ID	0x166	Processor ARK ID	65708
Audio		Conflict-Free processor	✓
Audio system	Waves MaxxAudio 3	Integrated 4G WiMAX	✓
Built-in speaker(s)	✓	Battery	
Number of built-in speakers	2	Number of battery cells	6
Speaker power	4 W	Battery capacity *	48 Wh
Built-in microphone	✓	Power	
Camera		AC adapter power	65 W
Front camera resolution (numeric)	1 MP	DC-in jack	✓
Network		Security	
Wi-Fi	✓	Cable lock slot	✓
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Cable lock slot type	Kensington
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN	✓	Width	342 mm
Ethernet LAN data rates	10,100 Mbit/s	Depth	244 mm
Bluetooth	✓	Height (front)	3.15 cm
Bluetooth version	4.0	Height (rear)	3.47 cm
Cabling technology	10/100Base-T(X)	Weight *	2.1 kg
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3u	Other features	
Ports & interfaces		Maximum internal memory (64-bit)	16 GB
USB 2.0 ports quantity *	3		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		

Ports & interfaces

S/PDIF out port	✗
Microphone in	✓

## Catalog Object Cloud



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