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

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1366 x 768 pixels
Touchscreen *	✗
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	3rd gen Intel® Core™ i5
Processor model *	i5-3210M
Processor cores	2
Processor threads	4
Processor boost frequency	3.1 GHz
Processor frequency *	2.5 GHz
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 i5-3200 Mobile series
Processor codename	Ivy Bridge
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

Ports & interfaces

ExpressCard slot	✗
CardBus PCMCIA slot type	✗
SmartCard slot	✗

Performance

Motherboard chipset	Intel® HM75 Express

Keyboard

Pointing device	Touchpad
Numeric keypad *	✗
Keyboard language	English

Software

Operating system architecture	64-bit
Trial software	McAfee SecurityCenter
Operating system installed *	Windows 8

Processor special features

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

Processor

PCI Express configurations	1x16, 2x8, 1x8+2x4
CPU multiplier (bus/core ratio)	25
ECC supported by processor	✘

Memory

Internal memory *	6 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1600 MHz
Memory layout (slots x size)	1 x 2 + 1 x 4 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	750 GB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	750 GB
HDD interface	SATA
HDD speed	5400 RPM
Optical drive type *	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)	1100 MHz
On-board graphics card ID	0x166

Audio

Audio system	Waves MaxxAudio 3
Built-in speaker(s)	✔
Number of built-in speakers	2
Speaker power	4 W
Built-in microphone	✔

Camera

Front camera resolution (numeric)	1 MP

Network

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

Ports & interfaces

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

Processor special features

Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
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 Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	31.0 x 24.0 (BGA1023)
Supported instruction sets	AVX
Processor code	SR0N0
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	65708
Conflict-Free processor	✔
Integrated 4G WiMAX	✔

Battery

Number of battery cells	6
Battery capacity *	48 Wh

Power

AC adapter power	65 W
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington

Weight & dimensions

Width	342 mm
Depth	244 mm
Height (front)	3.15 cm
Height (rear)	3.47 cm
Weight *	2.1 kg

Other features

Maximum internal memory (64-bit)	16 GB

Ports & interfaces	
S/PDIF out port	✘
Microphone in	✔

Catalog Object Cloud