DELL Inspiron 17 Intel® Core™ i3 i3-4030U Laptop 43.9 cm (17.3") HD+ 4 GB DDR3L-SDRAM 500 GB HDD Windows 8.1 Black, Silver

Brand : DELL

Product family: Inspiron

Product code: FNCWH2402B

Product name : 17

17.3" (1600 x 900, LED), Intel Core i3-4030U, 4GB (DDR3L), 500GB (HDD), Intel HD Graphics 4400, DVD+/-RW, 802.11 b/g/n, Bluetooth 4.0, Windows 8.1 (64 bit), 1 x USB 3.0, 2 x USB 2.0, 1 x LAN, 1 x HDMI, 3 kg

DELL Inspiron 17. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor: i3-4030U, Processor frequency: 1.9 GHz. Display diagonal: 43.9 cm (17.3"), HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD±RW. Operating system installed: Windows 8.1. Product colour: Black, Silver

Design	
Product type *	Laptop
Product colour *	Black, Silver
Form factor *	Clamshell
Housing material	Aluminium

Display	
Display diagonal *	43.9 cm (17.3")
Display resolution *	1600 x 900 pixels
Touch screen *	✘
HD type	HD+
Display number of colors	16.78 million colours
LED backlight	✔
Native aspect ratio	16:9
Pixel pitch	0.1875 x 0.1875 mm

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i3
Processor generation	4th gen Intel® Core™ i3
Processor *	i3-4030U
Processor number of cores	2
Processor threads	4
Processor frequency *	1.9 GHz
System bus data transfer rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	BGA 1168
Processor lithography	22 nm
Processor operating modes	64-bit
Processor series	Intel® Core™ i3-4000 Mobile Series
Processor codename	Haswell
Bus type	DMI2

Processor special features	
Intel Wireless Display (WiDi) Technology	✔
Intel My WiFi Technology	✘
Intel Smart Connect Technology	✔
Intel Anti-Theft Technology	✔
Intel® Rapid Start Technology	✘
Intel® Smart Response Technology	✘
Intel Identity Protection Technology	✔
Intel Hyper-Threading Technology	✔
Intel Turbo Boost Technology	✘
Intel® Small Business Advantage (Intel® SBA)	✘
Intel Matrix Storage Technology	✘
Intel HD Audio Technology	✔
Intel Active Management Technology	✘
Enhanced Intel SpeedStep Technology	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✘
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✘
Intel® Smart Cache	✔
Intel AES New Instructions	✔
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔

Processor

FSB Parity	✗
Stepping	D0
Thermal Design Power (TDP)	15 W
Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	2.0
PCI Express configurations	4x1, 2x4
ECC supported by processor	✗

Memory

Internal memory *	4 GB
Internal memory type	DDR3L-SDRAM
Memory clock speed	1600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 4 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	8 GB

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of hard drives installed	1
Hard drive capacity	500 GB
Hard drive interface	SATA
Hard drive rotational speed	5400 RPM
Optical drive type *	DVD±RW
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

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 4400
On-board graphics card base frequency	200 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Maximum on-board graphics card memory	2 GB
On-board graphics card DirectX version	12
On-board graphics card ID	0xA16

Audio

Audio system	MaxxAudio
Number of built-in speakers	2
Speakers manufacturer	Waves
Speaker power	2 W
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution (numeric)	0.92 MP
Front camera resolution	1280 x 720 pixels
Video capturing speed	30 fps

Network

Wi-Fi	✔
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN connection	✔

Processor special features

Intel Demand Based Switching	✗
Intel® Secure Key	✔
Intel TSX-NI	✗
Intel Clear Video Technology for MID	✗
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	40 x 24 x 1.5 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR1EN
CPU configuration (max)	1
Embedded options available	✗
UART	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Smart Connect Technology version	1.00
Intel Identity Protection Technology version	1.00
Intel Secure Key Technology version	1.00
Intel ME Firmware Version	9.5
Intel TSX-NI version	0.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✗
Intel FDI Technology	✗
Intel Rapid Storage Technology	✔
Intel Fast Memory Access	✗
Processor ARK ID	81018
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	40 Wh
Battery voltage	14.8 V
Battery recharge time	4 h

Energy Management

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3.34 A
AC adapter output voltage	19.5 V
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Password protection	✔

Operational Conditions

Operating temperature range (T-T)	0 - 40 °C
Storage temperature range (T-T)	-40 - 65 °C
Operating relative humidity range	10 - 90%
Storage relative humidity range	0 - 95%
Operating shock	110 G
Non-operating shock	160 G
Operating vibration	0.66 G

Network

Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports quantity	1
HDMI ports quantity *	1
HDMI version	1.4a
DVI port	✘
S/PDIF out port	✘
Microphone in	✘
Combo headphone/mic port	✔
Docking connector	✘
ExpressCard slot	✘
CardBus PCMCIA slot type	✘
SmartCard slot	✘
Total number of SATA connectors	4
Number of SATA III connectors	4

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Full-size keyboard	✔
Windows keys	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 8.1

Operational Conditions

Non-operating vibration	1.3 G

Certificates

Compliance certificates	RoHS

Sustainability

Sustainability certificates	EPEAT Silver, ENERGY STAR

Weight & Dimensions

Width	414.3 mm
Depth	285.7 mm
Height	28.4 mm
Weight *	3 kg

Packaging Content

AC adapter bundled *	✔
Manual	✔
Power cord included	✔

Other features

Maximum internal memory (64-bit)	8 GB
Intel Virtualization Technology	VT-d, VT-x
Intel segment tagging	Home office

Catalog Object Cloud