DELL

DELL Inspiron 7537 Intel® Core™ i5 i5-4200U Laptop 39,6 cm (15.6") Touchscreen 6 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® GT 750M Windows 8 Pro Silver

Brand : DELL   **Product family:** Inspiron   **Article code:** 51960235

Product name : 7537

DELL Inspiron 7537. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-4200U, Processor frequency: 1,6 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels, Touchscreen. Internal memory: 6 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 8 Pro. Product color: Silver

Design

Product type *	Laptop
Product color *	Silver
Form factor *	Clamshell
Market positioning	Multimedia

Display

Display diagonal *	39,6 cm (15.6")
Display resolution *	1366 x 768 pixels
Touchscreen *	✔
Native aspect ratio	16:9
Display surface	Gloss
Display brightness	300 cd/m²
Pixel pitch	0,252 x 0,252 mm

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	4th gen Intel® Core™ i5
Processor model *	i5-4200U
Processor cores	2
Processor threads	4
Processor boost frequency	2,6 GHz
Processor frequency *	1,6 GHz
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 i5-4200 Mobile series
Processor codename	Haswell

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel Smart Connect Technology	✔
Intel® Anti-Theft Technology (Intel® AT)	✔
Intel® Rapid Start Technology	✘
Intel® Smart Response Technology	✘
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✘
Intel® Matrix Storage Technology (Intel® MST)	✘
Intel® High Definition Audio (Intel® HD Audio)	✔
Intel® Active Management Technology (Intel® AMT)	✘
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	✔
Intel Flex Memory Access	✘

Processor

Bus type	DMI2
FSB Parity	✗
Stepping	C0
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	1x4, 2x4
ECC supported by processor	✗

Memory

Internal memory *	6 GB
Internal memory type	DDR3L-SDRAM
Memory clock speed	1600 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA
HDD size	2.5"
Optical drive type *	✗
Card reader integrated	✔
Compatible memory cards	Memory Stick (MS), MMC, MMC+, MS PRO, MSXC, SD, SDHC, SDXC

Graphics

Discrete graphics card model *	NVIDIA® GeForce® GT 750M
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR5
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	1,74 GB
On-board graphics card DirectX version	12
On-board graphics card ID	0xA16
Number of discrete graphics cards supported	1
Number of discrete graphics cards installed	1

Audio

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

Camera

Front camera	✔
Front camera resolution (numeric)	0,92 MP
Front camera resolution	1280 x 720 pixels

Processor special features

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 TSX-NI	✗
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	40 x 24 x 1.5 mm
Supported instruction sets	AVX 2.0
Processor code	SR170
CPU configuration (max)	1
Embedded options available	✗
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	75459
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	58 Wh
Battery voltage	14,8 V
Battery recharge time	4 h

Power

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	✔
Password protection type	BIOS

Network

Wi-Fi	✔
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports	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

Performance

Motherboard chipset	Intel HM76 Express

Keyboard

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

Software

Operating system architecture	64-bit
Drivers included	✔
Operating system installed *	Windows 8 Pro

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	10 - 95%
Operating altitude	-15,2 - 3048 m
Non-operating altitude	-15,2 - 10668 m
Operating shock	110 G
Non-operating shock	160 G
Operating vibration	0,66 G
Non-operating vibration	1,3 G

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	379,4 mm
Depth	254,8 mm
Height	22,2 mm
Weight *	2,6 kg

Packaging content

AC adapter included *	✔
Manual	✔
Power cord included	✔

Other features

LightScribe	✘
Maximum internal memory (64-bit)	16 GB
Intel segment tagging	Home office

Catalog Object Cloud