![DELL logo]

# DELL Inspiron 7537 Intel® Core™ i5 i5-4200U Laptop 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

Inspiron 15 (7537) - Intel Core i5-4200U (3M Cache, 1.6 GHz), 6GB 1600MHz DDR3L SDRAM, 500GB SATA HDD, Intel HD Graphics 4400 + GeForce GT 750M, 39.624 cm (15.6 ") HD (1366 x 768) Touch, 802.11b/g/n, Gigabit Ethernet, HD Webcam, 4-cell, Windows 8 Pro 64-bit

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: 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 * | 15.6" |
| Display resolution * | 1366 x 768 pixels |
| Touchscreen * | ✔ |
| Native aspect ratio | 16:9 |
| Display surface | Gloss |
| Display brightness | 300 cd/m² |
| Pixel pitch | 0.00992 x 0.00992" (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 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

| | |
|---|---|
| Processor codename | Haswell |
| 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 | -598.4 - 120000" (-15.2 - 3048 m) |
| Non-operating altitude | -598.4 - 420000" (-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 | 14.9" (379.4 mm) |
| Depth | 10" (254.8 mm) |
| Height | 0.874" (22.2 mm) |
| Weight * | 5.73 lbs (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 |

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