# DELL Inspiron 15R 5537 Intel® Core™ i7 i7-4500U Laptop 39.6 cm (15.6") HD 8 GB DDR3-SDRAM 1 TB HDD AMD Radeon HD 8670M Windows 8.1 Graphite, Silver

**Brand :** DELL          **Product family:** Inspiron          **Product code:** CNR1551

**Product name :** 15R 5537

Intel Core i7-4500U Processor (4M Cache, up to 3.00 GHz), Intel HM76, 8GB DDR3L 1600MHz, 1TB SATA HDD, 15.6" HD LED Truelife 1366 x 768, AMD Radeon HD 8670M 2GB DDR3, DVD Super Multi, Fast LAN, WLAN, Bluetooth, WebCam, Windows 8.1 64-bit

DELL Inspiron 15R 5537. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: i7-4500U, Processor frequency: 1.8 GHz. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 8.1. Product colour: Graphite, Silver



| Design | |
|---|---|
| Product type * | Laptop |
| Product colour * | Graphite, Silver |
| Form factor * | Clamshell |

| Display | |
|---|---|
| Display diagonal * | 39.6 cm (15.6") |
| Display resolution * | 1366 x 768 pixels |
| Touch screen * | ✘ |
| HD type | HD |
| LED backlight | ✔ |
| Native aspect ratio | 16:9 |

| Processor | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Core™ i7 |
| Processor generation | 4th gen Intel® Core™ i7 |
| Processor * | i7-4500U |
| Processor number of cores | 2 |
| Processor threads | 4 |
| Processor boost frequency | 3 GHz |
| Processor frequency * | 1.8 GHz |
| Processor cache | 4 MB |
| Processor cache type | Smart Cache |
| Processor socket | BGA 1168 |
| Processor lithography | 22 nm |
| Processor operating modes | 64-bit |
| Processor series | Intel Core i7-4500 Mobile series |
| Processor codename | Haswell |
| Bus type | DMI2 |
| FSB Parity | ✘ |
| Stepping | C0 |
| Thermal Design Power (TDP) | 15 W |

| Keyboard | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✔ |
| Windows keys | ✔ |

| Software | |
|---|---|
| Operating system architecture | 64-bit |
| Drivers included | ✔ |
| Operating system installed * | Windows 8.1 |

| Processor special features | |
|---|---|
| Intel Wireless Display (WiDi) Technology | ✔ |
| Intel My WiFi Technology | ✔ |
| Intel Smart Connect Technology | ✔ |
| Intel Anti-Theft Technology | ✔ |
| Intel Identity Protection Technology | ✔ |
| Intel Hyper-Threading Technology | ✔ |
| Intel Turbo Boost Technology | 2.0 |
| Intel Matrix Storage Technology | ✔ |
| Intel HD Audio 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 AES New Instructions | ✔ |
| Intel Trusted Execution Technology | ✘ |

## Processor

| | |
|---|---|
| Tjunction | 100 °C |
| Maximum number of PCI Express lanes | 12 |
| PCI Express slots version | 2.0 |
| PCI Express configurations | 2x4 |
| ECC supported by processor | ✘ |

## Memory

| | |
|---|---|
| Internal memory * | 8 GB |
| Internal memory type | DDR3-SDRAM |
| Memory clock speed | 1600 MHz |
| Memory form factor | SO-DIMM |
| Memory layout (slots x size) | 2 x 4 GB |
| Memory slots | 2x SO-DIMM |
| Maximum internal memory * | 16 GB |

## Storage

| | |
|---|---|
| Total storage capacity * | 1 TB |
| Storage media * | HDD |
| Number of hard drives installed | 1 |
| Hard drive capacity | 1 TB |
| Hard drive interface | SATA |
| Hard drive rotational speed | 5400 RPM |
| Optical drive type * | DVD Super Multi |
| Card reader integrated | ✔ |
| Compatible memory cards | Memory Stick (MS), MMC, MMC+, MS PRO, MSXC, SD, SDHC, SDXC |

## Graphics

| | |
|---|---|
| Discrete graphics card model * | AMD Radeon HD 8670M |
| Discrete graphics card memory | 2 GB |
| Discrete graphics memory type | GDDR3 |
| 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) | 1100 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 4 |
| Number of built-in speakers | 2 |
| Speaker power | 2 W |
| Built-in microphone | ✔ |

## Camera

| | |
|---|---|
| Front camera | ✔ |
| Front camera resolution (numeric) | 1 MP |
| Front camera resolution | 1280 x 720 pixels |

## Network

| | |
|---|---|
| Wi-Fi | ✔ |
| Wi-Fi standards | 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n) |

## Processor special features

| | |
|---|---|
| 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 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 | SR16Z |
| 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 | 75460 |
| Conflict-Free processor | ✔ |

## Battery

| | |
|---|---|
| Battery technology | Lithium-Ion (Li-Ion) |
| Number of battery cells | 6 |
| Battery performance | 3000 mAh |
| Battery capacity * | 65 Wh |
| Battery voltage | 11.1 V |

## Energy Management

| | |
|---|---|
| AC adapter frequency | 50 - 60 Hz |
| AC adapter input voltage | 100 - 240 V |
| AC adapter output voltage | 19.5 V |
| DC-in jack | ✔ |

## Security

| | |
|---|---|
| Cable lock slot | ✔ |
| Password protection | ✔ |

## Operational Conditions

| | |
|---|---|
| Operating temperature range (T-T) | 0 - 40 °C |
| Storage temperature range (T-T) | -40 - 70 °C |
| Operating relative humidity range | 10 - 90% |
| Storage relative humidity range | 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 |

**Network**

| | |
|---|---|
| Ethernet LAN connection | ✔ |
| Ethernet LAN data rates | 10,100 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 * | 2 |
| 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 |

**Performance**

| | |
|---|---|
| Motherboard chipset | Intel HM76 Express |

**Operational Conditions**

| | |
|---|---|
| Non-operating vibration | 1.3 G |

**Sustainability**

| | |
|---|---|
| Sustainability certificates | ENERGY STAR |

**Weight & Dimensions**

| | |
|---|---|
| Width | 376 mm |
| Depth | 259 mm |
| Height | 25.4 mm |
| Weight * | 2.35 kg |

**Packaging Content**

| | |
|---|---|
| AC adapter bundled * | ✔ |
| Cables included | AC |
| Manual | ✔ |
| Warranty card | ✔ |

**Other features**

| | |
|---|---|
| Disc types supported | CD, DVD |
| 3D compatibility | ✘ |
| Maximum internal memory (64-bit) | 16 GB |

**Catalog Object Cloud**