



## 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		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Graphite, Silver	Numeric keypad *	✓
Form factor *	Clamshell	Windows keys	✓
Display		Software	
Display diagonal *	39.6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	1366 x 768 pixels	Drivers included	✓
Touch screen *	✗	Operating system installed *	Windows 8.1
HD type	HD	Processor special features	
LED backlight	✓	Intel Wireless Display (WiDi) Technology	✓
Native aspect ratio	16:9	Intel My WiFi Technology	✓
Processor		Intel Smart Connect Technology	✓
Processor manufacturer *	Intel	Intel Anti-Theft Technology	✓
Processor family *	Intel® Core™ i7	Intel Identity Protection Technology	✓
Processor generation	4th gen Intel® Core™ i7	Intel Hyper-Threading Technology	✓
Processor *	i7-4500U	Intel Turbo Boost Technology	2.0
Processor number of cores	2	Intel Matrix Storage Technology	✓
Processor threads	4	Intel HD Audio Technology	✓
Processor boost frequency	3 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	1.8 GHz	Intel Clear Video HD Technology	✓
Processor cache	4 MB	Intel Clear Video Technology	✗
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	BGA 1168	Intel® Insider™	✓
Processor lithography	22 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✗
Processor series	Intel Core i7-4500 Mobile series	Intel AES New Instructions	✓
Processor codename	Haswell	Intel Trusted Execution Technology	✗
Bus type	DMI2		
FSB Parity	✗		
Stepping	C0		
Thermal Design Power (TDP)	15 W		

Processor		Processor special features	
Tjunction	100 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	12	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	2.0	Intel Demand Based Switching	✗
PCI Express configurations	2x4	Intel® Secure Key	✓
ECC supported by processor	✗	Intel TSX-NI	✗
Memory		Intel Clear Video Technology for MID	✗
Internal memory *	8 GB	Intel 64	✓
Internal memory type	DDR3-SDRAM	Execute Disable Bit	✓
Memory clock speed	1600 MHz	Idle States	✓
Memory form factor	SO-DIMM	Thermal Monitoring Technologies	✓
Memory layout (slots x size)	2 x 4 GB	Processor package size	40 x 24 x 1.5 mm
Memory slots	2x SO-DIMM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Maximum internal memory *	16 GB	Processor code	SR16Z
Storage		CPU configuration (max)	1
Total storage capacity *	1 TB	Embedded options available	✗
Storage media *	HDD	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Number of hard drives installed	1	Intel Smart Connect Technology version	1.00
Hard drive capacity	1 TB	Intel Identity Protection Technology version	1.00
Hard drive interface	SATA	Intel Secure Key Technology version	1.00
Hard drive rotational speed	5400 RPM	Intel ME Firmware Version	9.5
Optical drive type *	DVD Super Multi	Intel TSX-NI version	0.00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	Memory Stick (MS), MMC, MMC+, MS PRO, MSXC, SD, SDHC, SDXC	Intel Dual Display Capable Technology	✗
Graphics		Intel FDI Technology	✓
Discrete graphics card model *	AMD Radeon HD 8670M	Intel Rapid Storage Technology	✓
Discrete graphics card memory	2 GB	Intel Fast Memory Access	✗
Discrete graphics memory type	GDDR3	Processor ARK ID	75460
On-board graphics card *	✓	Conflict-Free processor	✓
Discrete graphics card *	✓	Battery	
On-board graphics card family	Intel® HD Graphics	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card model *	Intel® HD Graphics 4400	Number of battery cells	6
On-board graphics card base frequency	200 MHz	Battery performance	3000 mAh
On-board graphics card dynamic frequency (max)	1100 MHz	Battery capacity *	65 Wh
Maximum on-board graphics card memory	1.74 GB	Battery voltage	11.1 V
On-board graphics card DirectX version	12	Energy Management	
On-board graphics card ID	0xA16	AC adapter frequency	50 - 60 Hz
Number of discrete graphics cards supported	1	AC adapter input voltage	100 - 240 V
Number of discrete graphics cards installed	1	AC adapter output voltage	19.5 V
Audio		DC-in jack	✓
Audio system	Waves MaxxAudio 4	Security	
Number of built-in speakers	2	Cable lock slot	✓
Speaker power	2 W	Password protection	✓
Built-in microphone	✓	Operational Conditions	
Camera		Operating temperature range (T-T)	0 - 40 °C
Front camera	✓	Storage temperature range (T-T)	-40 - 70 °C
Front camera resolution (numeric)	1 MP	Operating relative humidity range	10 - 90%
Front camera resolution	1280 x 720 pixels	Storage relative humidity range	10 - 95%
Network		Operating altitude	-15.2 - 3048 m
Wi-Fi	✓	Non-operating altitude	-15.2 - 10668 m
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Operating shock	110 G
		Non-operating shock	160 G
		Operating vibration	0.66 G

Network		Operational Conditions	
Ethernet LAN connection	✓	Non-operating vibration	1.3 G
Ethernet LAN data rates	10,100 Mbit/s	Sustainability	
Bluetooth	✓	Sustainability certificates	ENERGY STAR
Bluetooth version	4.0	Weight & Dimensions	
Ports & interfaces		Width	376 mm
USB 2.0 ports quantity *	2	Depth	259 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height	25.4 mm
Ethernet LAN (RJ-45) ports quantity	1	Weight *	2.35 kg
HDMI ports quantity *	1	Packaging Content	
HDMI version	1.4a	AC adapter bundled *	✓
DVI port	✗	Cables included	AC
S/PDIF out port	✗	Manual	✓
Microphone in	✗	Warranty card	✓
Combo headphone/mic port	✓	Other features	
Docking connector	✗	Disc types supported	CD, DVD
ExpressCard slot	✗	3D compatibility	✗
CardBus PCMCIA slot type	✗	Maximum internal memory (64-bit)	16 GB
SmartCard slot	✗		
Total number of SATA connectors	4		
Number of SATA III connectors	4		
Performance			
Motherboard chipset	Intel HM76 Express		

## Catalog Object Cloud



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