



## Specifications

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Regulatory model: P36F | Type: P36F001

Computer model: Inspiron 7537

## Dimensions and Weight:

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Height with 4-cell battery:

Touch	0.87 in to 1 in (22.15 mm to 25.65 mm)
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Non-touch	0.81 in to 0.94 in (20.50 mm to 24 mm)
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Width	14.94 in (379.40 mm)
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Depth	10.03 in (254.80 mm)
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Weight with 4-cell battery  
(minimum):

Touch	5.73 lb (2.60 kg)
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Non-touch	5.04 lb (2.29 kg)
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**NOTE:** The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.

## System Information

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Computer model	Inspiron 7537
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Processor	<ul style="list-style-type: none"><li>• Intel Core i3 ULV (4<sup>th</sup> generation)</li><li>• Intel Core i5 ULV (4<sup>th</sup> generation)</li><li>• Intel Core i7 ULV (4<sup>th</sup> generation)</li></ul>
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Chipset	Integrated in processor
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## Memory

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Connectors	Two DDR3L SODIMM connectors
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Capacities	Up to 16 GB
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Type	Dual-channel DDR3L
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Speed	Up to 1600 MHz
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Configurations supported	4 GB, 6 GB, 8 GB, and 16 GB
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## Ports and Connectors

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### External:

Network	One RJ45 port
USB	<ul style="list-style-type: none"><li>• Three USB 3.0 ports</li><li>• One USB 3.0 port with PowerShare</li></ul>
HDMI port	One HDMI port
Audio	One headphone and microphone (headset) port

### Internal:

Mini Card	One half mini card slot for WLAN, Bluetooth, and Wireless Display (optional)
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## Communications

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Network adapter	10/100/1000 Mbps Ethernet LAN on Motherboard (LOM)
Wireless	<ul style="list-style-type: none"><li>• Wi-Fi 802.11 b/g/n</li><li>• Wi-Fi 802.11 a (optional)</li><li>• Bluetooth 4.0</li><li>• Wireless Display (optional)</li></ul>

## Video

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### Controller:

Integrated	Intel HD Graphics 4400
Discrete (optional)	nVidia GeForce GT 750M

### Memory:

Integrated	System shared memory
Discrete (optional)	2 GB GDDR5

## Audio

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Controller	ALC3223
Speaker	Two 2 watt
Internal microphone	Digital array-microphones
Volume controls	Program menus and keyboard shortcut keys

## Storage

Interface	SATA 6 Gbps
Hard drives	One 2.5-inch drive (supports Intel Smart Response Technology)
Solid state drives (optional)	one solid state drive (SSD) with Intel Smart Cache support

## Media-Card reader

Type	One 8-in-1 slot
Cards supported	<ul style="list-style-type: none"><li>• SD card</li><li>• SD High-Capacity (SDHC) card</li><li>• SD Extended-Capacity (SDXC) card with Ultra High Speed (UHS)</li><li>• Memory Stick</li><li>• Memory Stick PRO</li><li>• Memory Stick XC (MSXC)</li><li>• MultiMedia card (MMC)</li><li>• MultiMedia card plus (MMC+)</li></ul>

## Display

Type:

Non-touch	15.6-inch HD
Touch	<ul style="list-style-type: none"><li>• 15.6-inch HD</li><li>• 15.6-inch full HD</li></ul>

Resolution (maximum):

HD	1366 x 768
Full HD	1920 x 1080

Dimensions:

Height	8.83 in (224.28 mm)
Width	14.17 in (359.92 mm)
Diagonal	15.60 in (396.24 mm)

Refresh rate

60 Hz

Operating angle

0 degrees (closed) to 135 degrees

Pixel pitch

0.252 mm

Controls

Brightness can be controlled using shortcut keys

## Keyboard

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Type	Backlit keyboard with numeric keypad
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## Camera

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Resolution:

Still image	0.92 megapixels
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Video (maximum)	1280 x 720 (HD) at 30 fps
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Diagonal viewing angle	74 degrees
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## Touchpad

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Resolution:

Horizontal	1211 dpi
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Vertical	1267 dpi
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Dimensions:

Width	4.13 in (105 mm)
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Height	3.15 in (80 mm)
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## Battery

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Type	4-cell battery
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Dimensions:

Height	0.30 in (7.62 mm)
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Width	4.01 in (101.90 mm)
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Depth	10 in (254 mm)
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Weight	0.79 lb (0.36 kg)
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Voltage	14.8 VDC
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Charging time	4 hours when the computer is powered off.
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Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
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Life span (approximate)	300 discharge/charge cycles
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Temperature range:

Operating	0 °C to 35 °C (32 °F to 95 °F)
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Storage	-40 °C to 65 °C (-40 °F to 149 °F)
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Coin-cell battery	CR-2032
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## Power Adapter

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Type	<ul style="list-style-type: none"><li>• 65 W</li><li>• 90 W</li></ul>
Input voltage	100 VAC–240 VAC
Input current (maximum)	1.50 A/1.60 A/1.70 A/2.50 A
Input frequency	50 Hz–60 Hz
Output current	3.34 A/4.62 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0 °C to 35 °C (32 °F to 95 °F)
Storage	–40 °C to 70 °C (–40 °F to 158 °F)

## Computer Environment

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Temperature range:

Operating	0 °C to 35 °C (32 °F to 95 °F)
Storage	–40 °C to 70 °C (–40 °F to 158 °F)

Relative humidity (maximum):

Operating	10% to 90% (non-condensing)
Storage	10% to 95% (non-condensing)

Vibration (maximum):

Measured using a random vibration spectrum that simulates user environment

Operating	0.66 GRMS
Storage	1.30 GRMS

Shock (maximum):

Measured with hard drive in operating status and a 2-ms half-sine pulse for operating. Also measured with hard drive in head-parked position and a 2-ms half-sine pulse for storage

Operating	110 G
Storage	160 G

Altitude (maximum):

Operating	–15.2 m to 3048 m (–50 ft to 10,000 ft)
Storage	–15.2 m to 10,668 m (–50 ft to 35,000 ft)

Airborne contaminant level      G1 as defined by ISA-S71.04-1985