



## Specifications

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2013 - 10 Rev. A00

Regulatory model: P26F | Type: P26F001

Computer model: Inspiron 5523

## Dimensions

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### Height

Non-touch 21 mm (0.83 inch)

Touch 23 mm (0.91 inch)

Width 382 mm (15.04 inches)

Depth 250 mm (9.84 inches)

### Weight with 6-cell battery

- Non-touch – 2.20 kg (4.85 lb)
- Touch – 2.40 kg (5.30 lb)

**NOTE:** The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.

## System Information

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### Processor

- Intel Core i3 ULV (3rd generation)
- Intel Core i5 ULV (3rd generation)
- Intel Core i7 ULV (3rd generation)

L1 cache 32 KB

L2 cache 256 KB

L3 Cache Up to 4 MB

System chipset Intel PCH HM77

## Memory

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Connectors two internally-accessible DDR3 connectors

Capacities 2 GB, 4 GB, 6 GB, and 8 GB

Memory type up to 1600 MHz, dual-channel DDR3 configuration

Memory configurations supported 2 GB, 4 GB, 6 GB, and 8 GB

## Ports and Connectors

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Network adapter	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 headphones/microphone combo port
Mini-Card	three mini-card slots
SIM card slot (optional)	one

## 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 a/b/g/n</li><li>• WWAN</li><li>• Bluetooth 4.0</li><li>• Wireless Display</li></ul>

## Video

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Video controller	
UMA	Intel HD Graphics 4000
Discrete	nVidia GeForce GT630M
Video memory	
UMA	shared
Discrete	2 GB DDR3
Maximum external resolution	1600 x 1200
External display support	<ul style="list-style-type: none"><li>• HDMI 1.4</li><li>• Wireless Display</li></ul>

## Audio

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Controller	IDT 92HD94
Speaker	2 x 2 W
Internal microphone support	digital-array microphones in the camera assembly
Internal microphone support	digital-array microphones in the camera assembly
Volume controls	program menus and keyboard media control keys

## Storage

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Interface	<ul style="list-style-type: none"><li>• SATA 2.0 (3 Gbps) or SATA 3.0 (6 Gbps)</li><li>• mSATA</li></ul>
Drives	one 2.5-inch SATA 2.0 solid-state drive or 2.5-inch SATA 3.0 hard-drive <b>NOTE:</b> Support for Intel Smart Response Technology.
Optical drive	one 9.5 mm SATA drive
Drives supported	<ul style="list-style-type: none"><li>• DVD+/-RW</li><li>• BD-RW</li></ul>

## Media-card reader

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Type	one 8-in-1 slot
Cards supported	<ul style="list-style-type: none"><li>• Secure Digital (SD) memory card</li><li>• Hi Capacity-SD (SDHC) card</li><li>• Secure Digital 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

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Type	15.6-inch HD, WLED
Maximum resolution	1366 x 768 HD
Dimensions:	
Height	360.00 mm (14.17 inches)
Width	224.30 mm (8.83 inches)
Diagonal	396.24 mm (15.6 inches)
Refresh rate	60 Hz
Operating angle	0° (closed) to 135°
Pixel pitch	0.252 x 0.252 mm
Controls	brightness can be controlled through keyboard shortcuts

## Keyboard

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Type	backlit
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## Camera

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Camera resolution	1280 x 720 pixels ~ 0.92 megapixel (HD)
Video resolution	1280 x 720 pixels at 30 fps (maximum)
Diagonal viewing angle	74 degrees

## Touchpad

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X/Y position resolution (graphics table mode)	1143 x 1752 dpi
Active area	
Height	54.00 mm (2.13 inches)
Width	96.55 mm (3.80 inches)

## Battery

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Type	6-cell "smart" lithium ion (44 WHr)
Height	12.50 mm (0.49 inch)
Width	66.00 mm (2.60 inches)
Depth	291.70 mm (11.48 inches)
Weight	0.30 kg (0.66 lb)
Voltage	11.10 VDC
Operating time	battery operating time varies depending on operating conditions and can significantly reduce under certain power-intensive conditions
Life span (approximate)	300 discharge/charge cycles
Temperature range	
Operating	0 °C to 35 °C (32 °F to 95 °F)
Storage	-40 °C to 65 °C (-40 °F to 149 °F)
Coin-cell battery	CR-2032

## Power Adapter

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Type	65 W/90 W
Input voltage	100 VAC–240 VAC
Input current (maximum)	1.50 A/1.60 A
Input frequency	50 Hz–60 Hz

## Power Adapter

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Output current	3.34 A/4.62 A
Output power	65 W/90 W
Rated output voltage	19.50 +/- 1 VDC
Temperature range:	
Operating	0 °C to 40 °C (32 °F to 104 °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 65 °C (-40 °F to 149 °F)

Relative humidity (maximum):

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

Maximum vibration (using a random vibration spectrum that simulates user environment):

Operating	0.66 GRMS
Storage	1.3 GRMS

Maximum shock (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