



Specifications

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Regulatory model: P24E | Type: P24E001

Computer model: Inspiron 7737

Dimensions and Weight:

Height:

Non-touch 1 in (25.40 mm)

Touch 1.10 in (27.70 mm)

Width 16.24 in (412.40 mm)

Depth 10.61 in (269.40 mm)

Minimum weight:

Non-touch 6.59 lb (2.99 kg)

Touch 7.25 lb (3.29 kg)

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

System Information

Computer model Inspiron 7737

Processor

- Intel Core i3 (4th generation)
- Intel Core i5 (4th generation)
- Intel Core i7 (4th generation)

L1 cache 32 KB

L2 cache 256 KB

L3 cache Up to 4 MB

Chipset Integrated in processor

Memory

Connectors Two SODIMM connectors

Type DDR3L

Speed Up to 1600 MHz

Configurations supported 4 GB, 6 GB, 8 GB, 12 GB, and 16 GB

Ports and Connectors

External:

Network	One RJ45 port
USB	<ul style="list-style-type: none">• Three USB 3.0 ports• One USB 3.0 port with PowerShare
HDMI port	One HDMI port
Audio	One headset port

Internal:

Mini-card	One half mini-card slot for Wi-Fi and Bluetooth combo
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Communications

Network adapter	RJ45 port
Wireless	<ul style="list-style-type: none">• Wi-Fi 802.11 b/g/n• Bluetooth 4.0• Wireless Display (optional)

Video

Controller:

Integrated	Intel HD Graphics 4400
Discrete	nVidia GeForce GT 750M

Memory:

Integrated Memory	Shared system memory
Discrete Memory	2 GB GDDR5

Audio

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 drive	One 2.5-inch drive (supports Intel Smart Response Technology)
Optical drive	One 9.5 mm DVD+/-RW

Media-card reader

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

Display

Type:

Non-touch	17.3-inch HD
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| Touch | <ul style="list-style-type: none">• 17.3-inch HD• 17.3-inch full HD |
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Resolution (maximum):

HD	1600 x 900
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Full HD	1920 x 1080
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Dimensions:

Height	8.46 in (214.81 mm)
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Width	15.04 in (381.89 mm)
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Diagonal	17.30 in (439.42 mm)
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Refresh rate	60 Hz
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Operating angle	0 degrees (closed) to 135 degrees
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Pixel pitch	0.239 mm
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Controls	Brightness can be controlled using shortcut keys.
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Keyboard

Type	Backlit keyboard with numeric keypad
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Camera

Camera resolution:

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

Touchpad

Resolution:

Horizontal	1211 dpi
Vertical	1267 dpi

Dimensions:

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

Battery

Type	4-cell battery
Dimensions:	
Height	0.30 in (7.72 mm)
Width	4.01 in (101.90 mm)
Depth	10 in (254 mm)
Weight	0.79 lb (0.36 kg)
Voltage	14.8 V
Charging time	4 hours when the computer is powered off.
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

Types	<ul style="list-style-type: none">• 65 W• 90 W
Input voltage	100 VAC–240 VAC
Input current (maximum)	1.50 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

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