



INSPIRON M731R

Specifications

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Regulatory model: P17E | Type: P17E003

Computer model: Inspiron 5735

Dimensions and Weight

Height (front to back):

With 4-cell battery 1.12 in to 1.17 in (28.35 mm to 29.60 mm)

With 6-cell battery 1.12 in to 1.40 in (28.35 mm to 35.60 mm)

Width 16.22 in (412 mm)

Depth 10.63 in (270 mm)

Weight with 6-cell battery (minimum) 6.39 lb (2.90 kg)

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

System Information

Computer model Inspiron 5735

Processor

- A10-5745M
- A8-5545M

Chipset AMD A76M

Memory

Connectors Two DDR3 SODIMM connectors

Capacities Up to 8 GB

Type Dual-channel DDR3

Speed Up to 1333 MHz

Configurations supported 2 GB, 4 GB, 6 GB, and 8 GB

Ports and Connectors

External:

Network One RJ45 port

USB

- Two USB 3.0 ports
- Two USB 2.0 ports

HDMI port One HDMI port

Audio One headset (microphone and headphone combo) port

Internal:

Mini Card One half mini-card slot

Communications

Network adapter	10/100 Mbps Ethernet controller integrated on system board
Wireless	<ul style="list-style-type: none">• Wi-Fi 802.11 b/g/n• Bluetooth 4.0

Video

Controller:

Integrated	<ul style="list-style-type: none">• AMD Radeon HD 8510G with A8 APU• AMD Radeon HD 8610G with A10 APU
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Memory:

Integrated	System shared memory
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External display support	HDMI port
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Audio

Controller	Realtek ALC3223
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Speaker	Two speakers
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Speaker output:

Average	2 watt
Peak	2.5 watt

Internal microphone	Digital microphone in camera assembly
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Volume controls	Program menus and keyboard shortcut keys
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Storage

Interface	SATA 3 (6 Gbps)
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Hard drives	One 2.5-inch drive
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Configuration	1 TB 5400RPM SATA hard drive
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Optical drive	One 9.5 mm DVD-RW drive
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Media-card reader

Type	One 4-in-1 slot
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Cards supported	<ul style="list-style-type: none">• SD card• SD Hi-Capacity (SDHC) card• Memory Stick• Memory Stick PRO
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Display

Type	17.3-inch HD+ WLED with TrueLife
Resolution	1600 x 900
Dimensions (Active Area):	
Height	8.46 in (214.81 mm)
Width	15.04 in (381.89 mm)
Diagonal	17.30 in (439.42 mm)
Refresh rate	60 Hz
Operating angle	0 degree (closed) to 135 degrees
Pixel pitch	0.2388 mm
Controls	Brightness can be controlled using keyboard shortcut keys

Keyboard

Type	Chiclet keyboard
Shortcut keys	Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press <Shift> and the desired key. To perform secondary functions, press <Fn> and the desired key.

Camera

Resolution:	
Still image	0.92 megapixels
Video (maximum)	1280 x 720 (HD) at 30 fps
Diagonal viewing angle	66 degrees

Touchpad

Resolution:	
Horizontal	1261 dpi
Vertical	1810 dpi
Dimensions:	
Width	3.94 in (100 mm)
Height	2.20 in (56 mm)

Battery

Type	6-cell "smart" lithium ion (65 WHr)
Dimensions:	
Width	10.72 in (272.40 mm)
Depth	1.82 in (46.30 mm)
Height	1.39 in (35.40 mm)
Weight	0.79 lb (0.36 kg)
Voltage	11.10 V
Charging time (approximate)	4 hours
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

Type	65 W
Input voltage	100 VAC–240 VAC
Input current (maximum)	1.70 A
Input frequency	50 Hz–60 Hz
Output current (continuous)	3.34 A
Rated output voltage	19.50 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

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)

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

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