



# Inspiron 3650



[Views](#)

[Specifications](#)

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2016 - 12 Rev. A01

Regulatory model: D19M | Type: D19M002

Computer model: Inspiron 3650

**NOTE:** The images in this document may differ from your computer depending on the configuration you ordered.



## Front



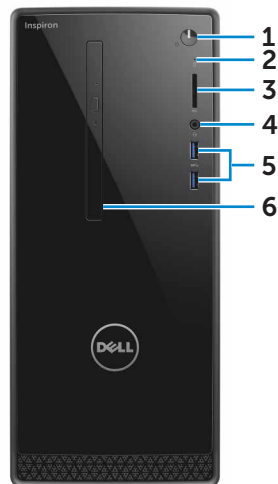
Front



Back



Back panel



### 1 Power button

Press to turn on the computer if it is turned off or in sleep state.

Press to put the computer in sleep state if it is turned on.

Press and hold for 4 seconds to force shut-down the computer.

**NOTE:** You can customize the power-button behaviour in Power Options. For more information, see *Me and My Dell* at [www.dell.com/support](http://www.dell.com/support).

### 2 Hard-drive activity light

Turns on when the computer reads from or writes to the hard drive.

### 3 Media-card reader

Reads from and writes to media cards.

### 4 Headset port

Connect a headphone, a microphone, or a headset (headphone and microphone combo).

### 5 USB 3.0 ports (2)

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 5 Gbps.

### 6 Optical drive (optional)

Reads from and writes to CDs and DVDs.



## Back



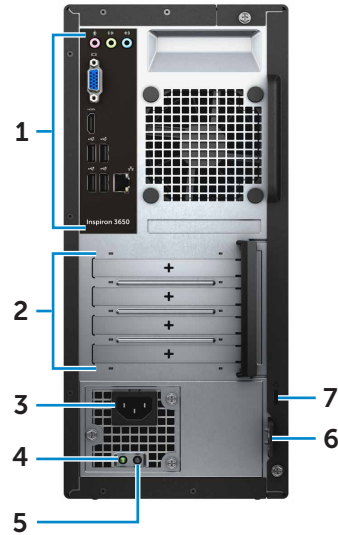
Front



Back



Back panel



### 1 Back panel

Connect USB, audio, video, and other devices.

### 2 Expansion-card slots

Provide access to ports on any installed PCI Express cards.

### 3 Power port

Connect a power cable to provide power to your computer.

### 4 Power-supply light

Indicates the power availability of the power supply.

### 5 Power-supply diagnostic button

Press to start the test on the availability of the power supply.

### 6 Padlock rings

Attach a padlock to prevent unauthorized access to the interior of your computer.

### 7 Security-cable slot

Connect a security cable to prevent unauthorized movement of your computer.



## Back panel



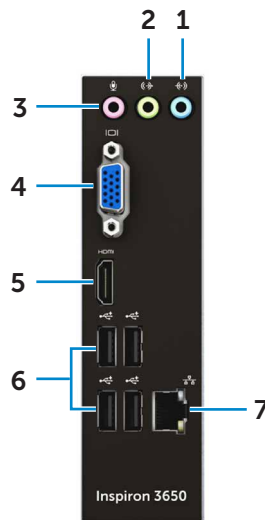
Front



Back



Back panel



### 1 Line-in port

Connect recording or playback devices such as a microphone or CD player.

### 2 Line-out port

Connect speakers.

### 3 Microphone port

Connect an external microphone to provide sound input.

### 4 VGA port

Connect an external display or a projector.

### 5 HDMI port

Connect a TV or another HDMI-in enabled device. Provides video and audio output.

### 6 USB 2.0 ports (4)

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 480 Mbps.

### 7 Network port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or internet access.

The two lights next to the connector indicate the connectivity status and network activity.




# Specifications

## Dimensions and weight

Height	352.90 mm (13.90 in)
Width	154 mm (6.06 in)
Depth	303 mm (11.93in)
Weight (maximum)	7.40 kg (16.30 lb)


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



Dimensions and weight



System information



Memory




Ports and connectors




Communications



Video



Audio




Storage



Media-card reader



Power ratings



Computer environment



# Specifications

## System information

Computer model	Inspiron 3650
Processor	<ul style="list-style-type: none"><li>• Intel Celeron Processor</li><li>• Intel Pentium Processor</li><li>• 6<sup>th</sup> Generation Intel Core i3 Processor</li><li>• 6<sup>th</sup> Generation Intel Core i5 Processor</li><li>• 6<sup>th</sup> Generation Intel Core i7 Processor</li></ul>
Chipset	Intel H110




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# Specifications

## Memory


Slot	Two UDIMM slots
Type	Dual-channel DDR3L
Speed	1600 MHz
Configurations supported	2 GB, 4 GB, 8 GB, 12 GB, and 16 GB



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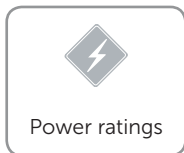
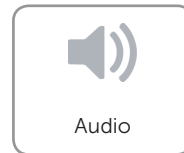
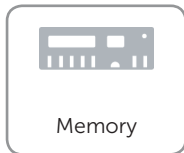
## Ports and connectors

### External:

Network	One RJ45 port
USB	<ul style="list-style-type: none"><li>• Four USB 2.0 ports</li><li>• Two USB 3.0 ports</li></ul>
Audio	<ul style="list-style-type: none"><li>• One headset port</li><li>• One microphone port</li><li>• One line-in port</li><li>• One line-out port</li></ul>
Video	<ul style="list-style-type: none"><li>• One VGA port</li><li>• One HDMI port</li></ul>

### Internal:

M.2 slot	One M.2 card slot for Wi-Fi and Bluetooth combo card
PCIe slot	<ul style="list-style-type: none"><li>• Two PCIe x1 card slot</li><li>• One PCIe x16 card slot</li></ul>








# Specifications

## Communications


Ethernet	10/100/1000 Mbps Ethernet controller integrated on system board
Wireless	<ul style="list-style-type: none"><li>• Up to Wi-Fi 802.11ac</li><li>• Bluetooth 4.0</li></ul>



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# Specifications

## Video


Controller:	
Integrated	Intel HD Graphics
Discrete	NVIDIA GeForce GT 730
Memory:	
Integrated	Shared system memory
Discrete	2 GB GDDR3



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# Specifications

## Audio

Controller  
Type


Realtek Audio Codec ALC3600-CG with Waves MaxxAudio  
Integrated 5.1 channel Intel High Definition Audio




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# Specifications

## Storage


Interface	<ul style="list-style-type: none"><li>• SATA 3 Gbps for optical drive</li><li>• SATA 6 Gbps for hard drive</li></ul>
Hard drive	Two 2.5-inch drive or one 3.5-inch drive
Optical drive (optional)	One 9.5-mm DVD+/-RW drive



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# Specifications

## Media-card reader


Type	One 5-in-1 slot
Cards supported	<ul style="list-style-type: none"><li>• Secure Digital (SD)</li><li>• SD Extended Capacity (SDXC)</li><li>• High Capacity SD (SDHC)</li><li>• MultiMedia Card (MMC)</li><li>• MultiMedia Card plus (MMC+)</li></ul>



Dimensions and weight



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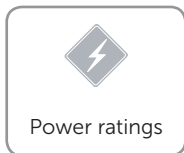
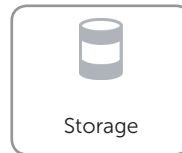
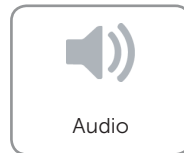
Computer environment



# Specifications

## Power ratings

Input voltage	<ul style="list-style-type: none"><li>• 100 VAC–240 VAC</li><li>• 100 VAC–127 VAC/200 VAC–240 VAC</li></ul>
Input frequency	50 Hz–60 Hz
Input current (maximum)	<ul style="list-style-type: none"><li>• 4.0 A</li><li>• 7.0 A/3.50 A</li></ul>





# Specifications


## Computer environment

Airborne contaminant level	G2 or lower as defined by ISA-S71.04-1985	
Relative humidity (maximum)	20% to 80% (noncondensing)	
	<b>Operating</b>	<b>Storage</b>
Temperature range	10°C to 35°C (50°F to 95 °F)	-40°C to 65°C (-40°F to 149°F)
Vibration (maximum)*	0.25 GRMS	2.20 GRMS
Shock (maximum)†	40 G for 2 ms with a change in velocity of 20 in/s (51 cm/s)	50 G for 26 ms with a change in velocity of 320 in/s (813 cm/s)
Altitude (maximum)	-15.2 m to 3048 m (-50 ft to 10,000 ft)	-15.2 m to 10,668 m (-50 ft to 35,000 ft)

\* Measured using a random vibration spectrum that simulates user environment.

† Measured using a 2 ms half-sine pulse when the hard drive is in use.


‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.



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