



Inspiron 3656



Views

Specifications

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2015 - 08 Rev. A00

Regulatory model: D19M | Type: D19M001

Computer model: Inspiron 3656

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



Views

Front



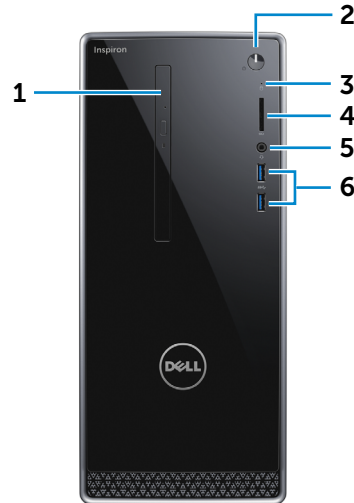
Front



Back



Back panel



1 Optical drive (optional)

Reads from and writes to CDs and DVDs.

2 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 Dell.com/support.

3 Hard-drive activity light

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

4 Media-card reader

Reads from and writes to media cards.

5 Headset port

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

6 USB 3.0 ports (2)

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



Views



Front

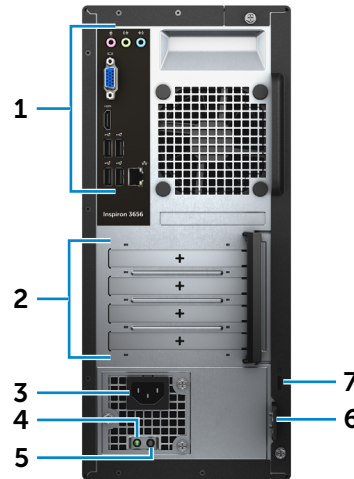


Back



Back panel

Back



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 diagnostic light

Turns on when the computer is turned on.

While the computer is turned off and you press the power-supply diagnostic button, this light turns on if the power-supply unit is receiving power.

5 Power-supply diagnostic button

While the computer is turned off, press this button to diagnose the power-supply unit.

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.



Front

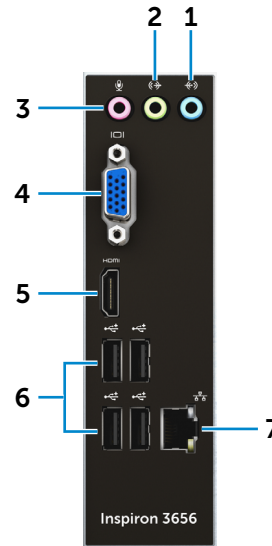


Back



Back panel

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	350 mm (13.78 in)
Width	154 mm (6.06 in)
Depth	282.60 mm (11.13 in)
Weight (maximum)	6.72 kg (14.82 lb)
NOTE: The weight of your desktop varies depending on the configuration ordered and 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 3656
Processor	<ul style="list-style-type: none">• AMD A8-8600P• AMD A10-8700P• AMD FX-8800P
Chipset	Integrated in processor



Dimensions and
weight



System
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Specifications

Memory


Slot	Two DIMM slots
Type	DDR3L
Speed	1600 MHz
Configurations supported	2 GB (Ubuntu only), 4 GB, 6 GB, 8 GB, 12 GB, and 16 GB



Dimensions and weight



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Media-card reader



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Specifications

Ports and connectors

External:

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

Internal:

M.2	One M.2 card slot for Wi-Fi and Bluetooth combo card
PCIe	<ul style="list-style-type: none">• One PCIe x1 half-length full-height slot• One PCIe x16 full-length full-height slot



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Specifications

Communications

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



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Specifications


Video

Controller:


- | | |
|------------|--|
| Integrated | <ul style="list-style-type: none">• AMD Radeon R6 Graphics• AMD Radeon R7 Graphics |
| Discrete | <ul style="list-style-type: none">• NVIDIA GeForce GT705• NVIDIA GeForce GT720• NVIDIA GeForce GT730• AMD Radeon R9 360 |

Memory:


- | | |
|------------|---|
| Integrated | Shared system memory |
| Discrete | <ul style="list-style-type: none">• GT705 and GT730 — 2 GB GDDR3• GT720 — 1 GB GDDR3• R9 360 — 2 GB GDDR5 |




Dimensions and weight




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Audio


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




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Specifications

Storage

Interface

- SATA 3 Gbps for optical drive
- SATA 6 Gbps for hard drive

Configurations supported

- One optical drive and one 3.5-inch hard drive
- One optical drive and one 2.5-inch hard drive
- One 3.5-inch hard drive and one 2.5-inch hard drive
- Two 2.5-inch hard drives



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Specifications

Media-card reader

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



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Input voltage	<ul style="list-style-type: none">100 VAC–240 VAC100 VAC–127 VAC/200–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	<ul style="list-style-type: none">3.0 A6.0 A/3.0 A



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Media-card reader



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Specifications

Computer environment

Airborne contaminant level	G2 or lower as defined by ISA-S71.04-1985	
Relative humidity (maximum)	20% to 80% (noncondensing)	
	Operating	Storage
Temperature range	10°C to 35°C (50°C 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)	–15.24 m to 3048 m (–50 ft to 10,000 ft)	–15.24 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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