# Inspiron 3668
# Setup and Specifications

# Notes, cautions, and warnings

**NOTE: A NOTE indicates important information that helps you make better use of your product.**

**CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.**

**WARNING: A WARNING indicates a potential for property damage, personal injury, or death.**

# Contents

# Set up your computer

**1**  Connect the keyboard and mouse.

See the documentation that shipped with the keyboard and mouse.
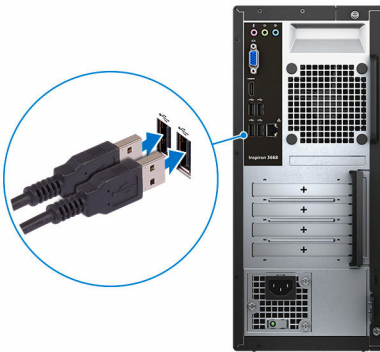
**2**  Connect the network cable — optional.
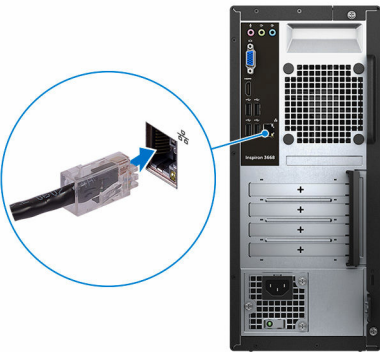
**3** Connect the display.



**4** Connect the power cable.

**5** Press the power button.

**6** Finish operating system setup.

**For Windows:**

a) Connect to a network.
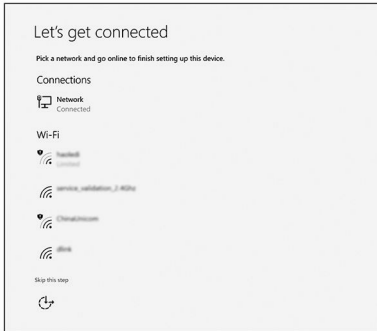


b) Sign-in to your Microsoft account or create a new account.
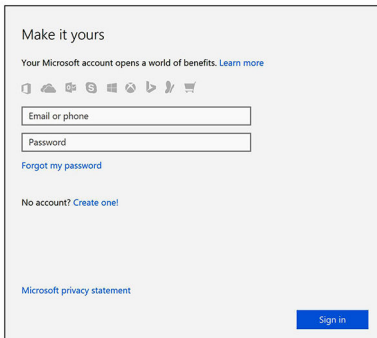


**For Ubuntu:**

Follow the instructions on the screen to finish setup.

**7** Locate Dell apps in Windows.

**Table 1. Locate Dell apps**



Register your computer

Dell Help & Support
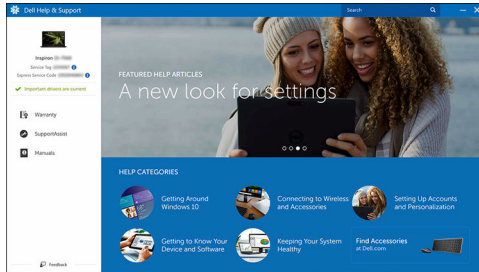




SupportAssist—Check and update your computer

# Views

## Front
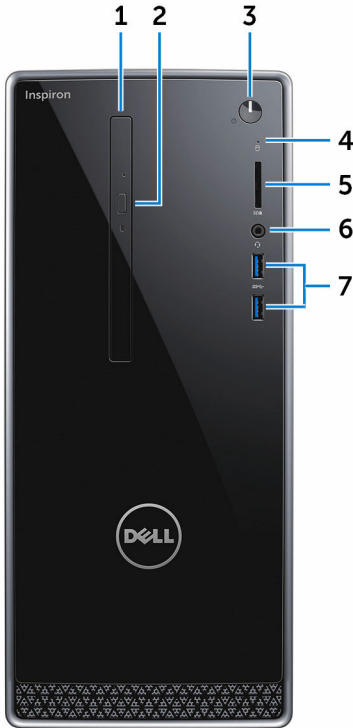


1 **Optical drive (optional)**

Reads from and writes to CDs and DVDs.

2 **Optical-drive eject button**

Press to open or close the optical drive tray.

3 **Power button**

Press to turn on the computer if it is turned off, in sleep state, or in hibernate 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 behavior in Power Options. For more information, see *Me and My Dell* at <u>www.dell.com/ support/manuals</u>.**

4  **Hard-drive activity light**

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

5  **Media-card reader**

Reads from and writes to media cards.

6  **Headset port**

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

7  **USB 3.0 ports (2)**

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

# Back
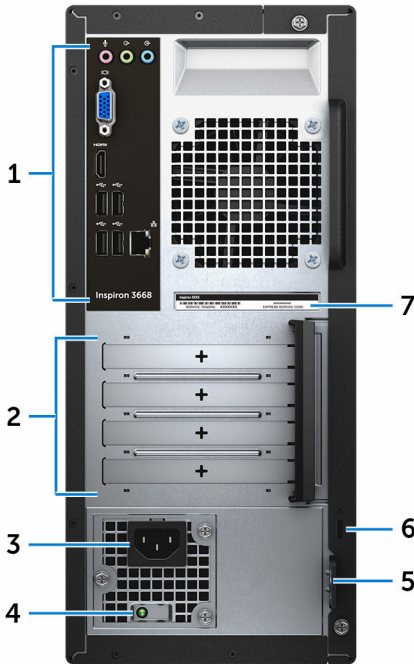


1 **Back panel**

   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**

   Indicates the power-supply state.

5 **Padlock rings**

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

6    **Security-cable slot**

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

7    **Service Tag label**

The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information.

# Back panel
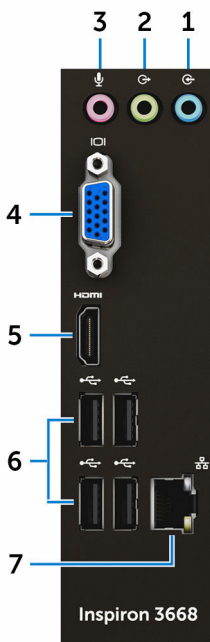


1    **Line-in port**

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)**

   Connectperipherals such as storage devices and printers. Provides data transferspeeds up to 480 Mbps.

7  **Network port (with lights)**

   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

**Table 2. Dimensions and weight**

| | |
|---|---|
| Height | 352.90 mm (13.90 in) |
| Width | 154 mm (6.06 in) |
| Depth | 303 mm (11.93 in) |
| Weight (approximate) | 5.90 kg (13.01 lb) |
| | **NOTE: The weight of your computer varies depending on the configuration ordered and the manufacturing variability.** |

## System information

**Table 3. System information**

| | |
|---|---|
| Computer model | Inspiron 3668 |
| Processor | • Intel Core i3/i5/i7<br>• Intel Celeron<br>• Intel Pentium |
| Chipset | Intel H110 |

## Memory

**Table 4. Memory specifications**

| | |
|---|---|
| Slots | Two U-DIMM slots |
| Type | DDR4 |
| Speed | • 2133 MHz (Intel Celeron) |

| | |
|---|---|
| | • 2400 MHz (Intel Pentium and Intel Core i3/i5/i7) |
| Configurations supported | 2 GB, 4 GB, 6GB, 8 GB, 10 GB, 12 GB, and 16 GB |

# Ports and connectors

**Table 5. Ports and connectors**

**External:**

| | |
|---|---|
| Network | One RJ45 port |
| USB | • Four USB 2.0 ports<br>• Two USB 3.0 ports |
| Audio/Video | • One headset port<br>• One microphone port<br>• One line-out port<br>• One line-in port<br>• One VGA port<br>• One HDMI port |

**Internal:**

| | |
|---|---|
| M.2 card | One M.2 card slot for Wi-Fi and Bluetooth combo card |
| PCIe slots | • Two PCIe x1 card slots<br>• One PCIe x16 card slot |

# Media-card reader

**Table 6. Media-card reader specifications**

| | |
|---|---|
| Type | One 5-in-1 slot |
| Cards supported | • SD card |

- SD High Capacity (SDHC) card
- SD Extended Capacity (SDXC) card
- MultiMediaCard (MMC)
- MultiMediaCard Plus (MMC Plus)

# Communications

**Table 7. Supported Communications**

| | |
|---|---|
| Ethernet | 10/100/1000 Mbps Ethernet controller integrated on system board |
| Wireless | • Up to Wi-Fi 802.11ac/n<br>• Bluetooth 4.0 |

# Audio

**Table 8. Audio specifications**

| | |
|---|---|
| Controller | Realtek ALC3820 |
| Type | Integrated 5.1 channel Intel High Definition Audio |

# Storage

**Table 9. Storage specifications**

| | |
|---|---|
| Interface | • SATA 1.5 Gbps for optical drive<br>• SATA 6 Gbps for hard drive |
| Hard drive | • One 2.5-inch hard drive<br>• One 3.5-inch hard drive |
| Solid-state drive | One 2.5-inch solid-state drive |
| Optical drive | One 9.5-mm DVD+/-RW drive |

# Power ratings

**Table 10. Power ratings**

| | |
|---|---|
| Input voltage | 100 VAC to 240 VAC |
| Input frequency | 50 Hz to 60 Hz |
| Input current (maximum) | 4.0 A |

# Video

**Table 11. Video specifications**

| | Integrated | Discrete |
|---|---|---|
| Controller | Intel HD Graphics | • NVIDIA GeForce GT710FH<br>• NVIDIA GeForce GT730<br>• NVIDIA GeForce GTX750Ti<br>• AMD Radeon R9 360 |
| Memory | Shared system memory | • 2 GB DDR3<br>• 2 GB GDDR5 |

# Computer environment

Airborne contaminant level: G2 or lower as defined by ISA-S71.04-1985

Relative humidity (maximum): 20% to 80% (non-condensing)

**Table 12. Computer environment**

| | Operating | Storage |
|---|---|---|
| Temperature range | 10°C to 35°C<br>(50°F to 95°F) | −40°C to 65°C<br>(−40°F to 149°F) |
| Vibration (maximum)[*] | 0.25 GRMS | 2.20 GRMS |

|  | Operating | Storage |
|---|---|---|
| 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.

DELL

# Getting help and contacting Dell

## Self-help resources

You can get information and help on Dell products and services using these self-help resources:

**Table 13. Self-help resources**

| | |
|---|---|
| Information about Dell products and services | www.dell.com |
| Dell Help & Support app | |
| Get started app | |
| Accessing help | In Windows search, type `Help and Support`, and press Enter. |
| Online help for operating system | www.dell.com/support/windows www.dell.com/support/linux |
| Troubleshooting information, user manuals, setup instructions, product specifications, technical help blogs, drivers, software updates, and so on. | www.dell.com/support |
| Learn about your operating system, setting up and using your computer, data backup, diagnostics, and so on. | See *Me and My Dell* at www.dell.com/support/manuals. |

## Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see www.dell.com/contactdell.

**NOTE: Availability varies by country and product, and some services may not be available in your country.**

**NOTE: If you do not have an active internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.**