# Alienware Steam Machine R2 Setup and Specifications

**ALIENWARE**

# Notes, cautions, and warnings

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

**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 display.



**2**   Connect the network cable — optional.
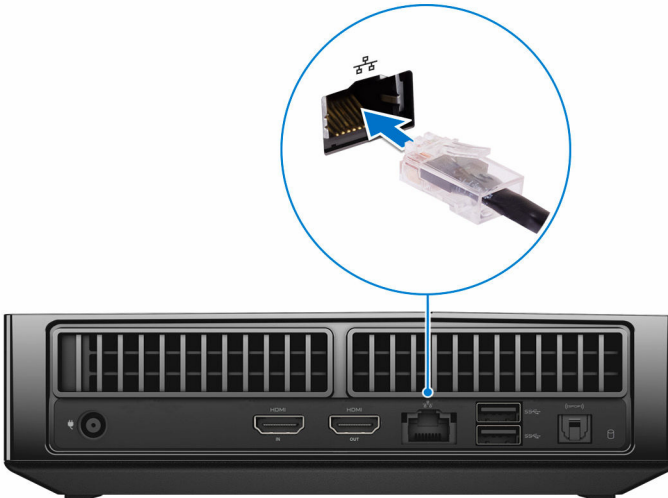
**3** Connect the power adapter.
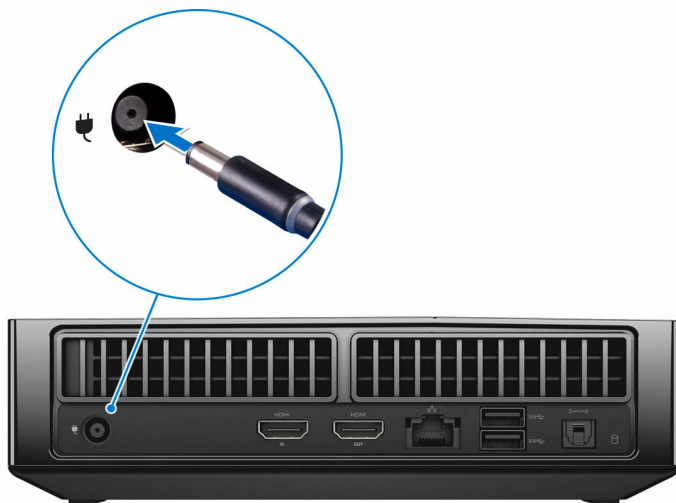
**4** Press the power button.

**5** Insert the batteries in the Steam controller.

**6**   Turn on the controller.

# Remove the batteries from the Steam controller

# Controller Views

## Back



1    Right trigger

2    Mini USB port 2.0

3    Left Trigger

4    Left bumper

5    Left grip

6    Right grip

7    Right bumper

# Front



1   Left directional pad

2   Back button

3   Steam Home button

4   Start button

5   Right directional pad

6   Y button

7   B button

8   A button

9   X button

10   Analog stick

11   D-pad up/down

12   D-pad left/right

# Views

## Front



1 **USB 2.0 port (beneath USB port cover)**

Connect a Bluetooth/wireless dongle for wireless keyboard, mouse, and so on. Provides data transfer speeds up to 480 Mbps.
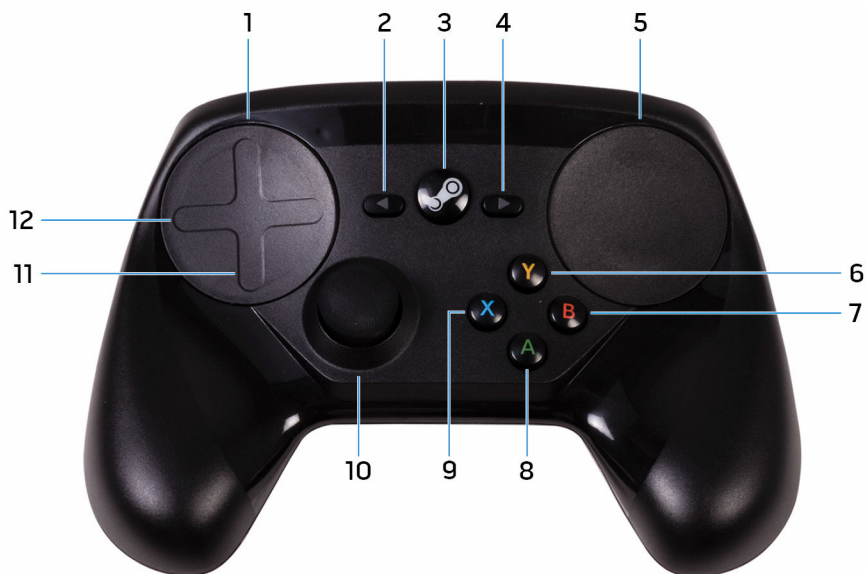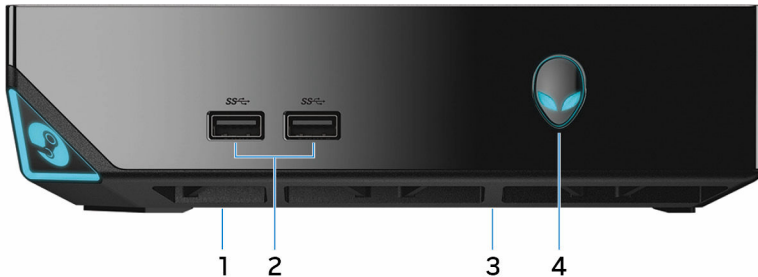
2 **USB 3.0 ports (2)**

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

3 **Service tag location**

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

4 **Power button**

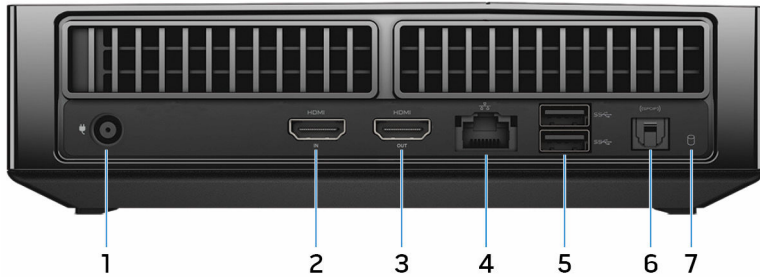Press to turn on the computer if it is turned off or in sleep state.

Press to shut down the computer 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 www.dell.com/support.

# Back



1 **Power-adapter port**

Connect a power adapter to provide power to your computer.

2 **HDMI-in port**

Connect a gaming console, Blu-ray player, or other HDMI-out enabled devices.

3 **HDMI-out port**

Connect a monitor, TV, or other HDMI-in enabled devices. Provides video and audio output.

4 **Network port**

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

5 **USB 3.0 ports (2)**

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

6 **Optical S/PDIF port**

Connect an amplifier, speakers, or a TV for digital audio output through optical cables.

7 **Hard-drive activity light**

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

# Specifications

## Dimensions and weight

| | |
|---|---|
| Height | 55 mm (2.17 in) |
| Width | 200 mm (7.87 in) |
| Depth | 200 mm (7.87 in) |
| Weight | 1.81 kg (4 lb) |

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

## System information

| | |
|---|---|
| Computer model | Alienware Steam Machine R2 |
| Processor | • 6th Generation Intel Dual Core i3<br>• 6th Generation Intel Dual Core i5<br>• 6th Generation Intel Dual Core i7 |
| Chipset | • Intel H110<br>• Intel H170 |
| DMI speed | 8.0 GT/s (64 bits) |

## Memory

| | |
|---|---|
| Slots | One SODIMM slot |
| Type | DDR4 |
| Speed | 2133 MHz |
| Configurations supported | 4 GB and 8 GB |

# Ports and connectors

| External: | |
|---|---|
| Network | One RJ45 port |
| USB | Four USB 3.0 ports |
| Video/Audio | <ul><li>One optical S/PDIF port</li><li>One HDMI-in port</li><li>One HDMI-out port</li></ul> |

| Internal: | |
|---|---|
| M.2 Card | One M.2 card slot for WLAN and Bluetooth |

# Communications

| Ethernet | 10/100/1000 Mbps Realtek RTL8111 Ethernet controller integrated on system board |
|---|---|
| Wireless | <ul><li>Wi-Fi 802.11a/g/n</li><li>Wi-Fi 802.11a/g/n/ac</li><li>Bluetooth</li></ul> |

# Video

| Controller | Memory |
|---|---|
| NVIDIA GeForce GTX960 GPU | 4GB |
| AMD Radeon R9 M470X | 2 GB |

# Audio

| Controller | |
|---|---|
| | <ul><li>Intel HD Audio</li><li>Realtek ALC3234 for optical S/PDIF output</li></ul> |

# Storage

| | |
|---|---|
| Interface | SATA 6 Gbps |
| Hard drive | One 2.5-inch drive |
| Solid-state drive | One M.2 slot |

# Power adapter

| | |
|---|---|
| Type | <ul><li>130 W</li><li>180 W</li></ul> |
| Input voltage | 100 VAC–240 VAC |
| Input frequency | 50 Hz–60 Hz |
| Output current (continuous) | <ul><li>6.70 A</li><li>9.23 A</li></ul> |
| Rated output voltage | 19.50 VDC |
| Temperature range: Operating | 0°C to 40°C (32°F to 104°F) |
| Temperature range: Storage | −40°C to 70°C (−40°F to 158°F) |

# Computer environment

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

| | Operating | Storage |
|---|---|---|
| Temperature range | 5°C to 35°C (41°F to 95°F) | −40°C to 65°C (−40°F to 149°F) |
| Relative humidity (maximum) | 10% to 90% (non-condensing) | 0% to 95% (non-condensing) |
| Vibration (maximum)[*] | 0.26 GRMS | 1.37 GRMS |
| Shock (maximum) | 40 G for 2 ms with a change in velocity of 20 in/s (51 cm/s)[†] | 105 G for 2 ms with a change in velocity of 52.5 in/s (133 cm/s)[‡] |

| | Operating | Storage |
|---|---|---|
| Altitude (maximum) | −15.20 m to 3048 m (−50 ft to 10,000 ft) | −15.20 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.

# Getting help and contacting Alienware

## Self-help resources

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

| | |
|---|---|
| Information about Alienware products and services | www.alienware.com |
| Troubleshooting information, user manuals, setup instructions, product specifications, technical help blogs, drivers, software updates, and so on | www.alienware.com/gamingservices |
| Videos providing step-by-step instructions to service your computer | www.youtube.com/alienwareservices |

## Contacting Alienware

To contact Alienware for sales, technical support, or customer service issues, see www.alienware.com.

**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.