


Vostro 15 3530

Owner's Manual

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.

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Views of Vostro 15 3530

Right



1. SD-card slot

Reads from and writes to the SD card. The computer supports the following card types:

- Secure Digital (SD)
- Secure Digital High Capacity (SDHC)
- Secure Digital Extended Capacity (SDXC)

2. USB 2.0 port

Connect devices such as external storage devices and printers. Provides data transfer speeds up to 480 Mbps.

3. Network port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or Internet access, with a transfer rate of 10/100/1000 Mbps.

4. Universal audio port

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

5. Security-cable slot (wedge-shaped)

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

Left



Figure 1. For computers shipped with a plastic chassis

1. Power-adaptor port (primary power)

Connect a power adapter to provide power to your computer and charge the battery.

2. Power and battery-status light

Indicates the power state and battery state of the computer.

Solid white—Power adapter is connected and the battery is charging.

Solid amber—Battery charge is low or critical.

Off—Battery is fully charged.

NOTE: On certain computer models, the power and battery-status light are also used for diagnostics. For more information, see the *Troubleshooting* section in your computer's *Service Manual*.

3. HDMI 1.4 port

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

NOTE: The maximum resolution supported by HDMI port is 1920 x 1080 at 60 Hz.

4. USB 3.2 Gen 1 port

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

5. USB 3.2 Gen 1 (Type-C) port

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



Figure 2. For computers shipped with an aluminum chassis or a discrete graphics card installed

1. Power-adapter port (primary power)

Connect a power adapter to provide power to your computer and charge the battery.

2. Power and battery-status light

Indicates the power state and battery state of the computer.

Solid white—Power adapter is connected and the battery is charging.

Solid amber—Battery charge is low or critical.

Off—Battery is fully charged.

NOTE: On certain computer models, the power and battery-status light are also used for diagnostics. For more information, see the *Troubleshooting* section in your computer's *Service Manual*.

3. HDMI 1.4 port

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

NOTE: The maximum resolution supported by HDMI port is 1920 x 1080 at 60 Hz.

4. USB 3.2 Gen 1 port

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

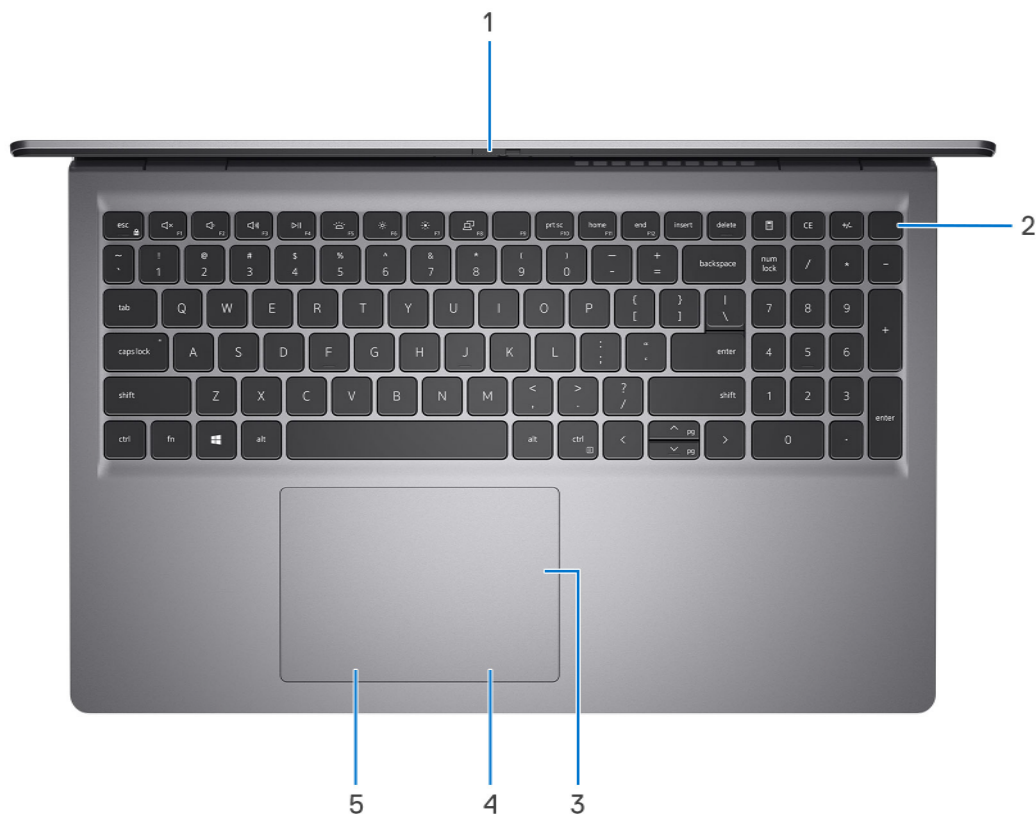
5. USB 3.2 Gen 1 (Type-C) port with Power Delivery/DisplayPort

Connect devices such as external storage devices, printers, and external displays.

Supports Power Delivery that enables two-way power supply between devices. Provides up to 15 W power output that enables faster charging.

NOTE: A USB Type-C to DisplayPort adapter (sold separately) is required to connect a DisplayPort device.

Top



1. Privacy shutter (only for computers shipped with an aluminum chassis)

Slide the privacy shutter to cover the camera lens and protect your privacy when the camera is not in use.

2. Power button with optional fingerprint reader

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

When the computer is turned on, press the power button to put the computer into sleep state; press and hold the power button for ten seconds to force shut-down the computer.

If the power button has a fingerprint reader, place your finger on the power button to log in.

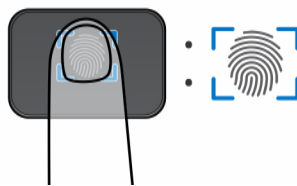


Figure 3. Active area of the fingerprint reader

NOTE: The highlighted area indicates the actual active fingerprint reader area and the image is for illustration purposes only.

NOTE: You can customize power-button behavior in Windows. For more information, see www.dell.com/support/manuals.

3. Precision touchpad

Move your finger on the touchpad to move the mouse pointer. Tap to left-click and two fingers tap to right-click.

4. Right-click area

Press to right-click.

5. Left-click area

Press to left-click.

Front

 **CAUTION:** The maximum operating angle for the display-panel hinge is 135 degrees.

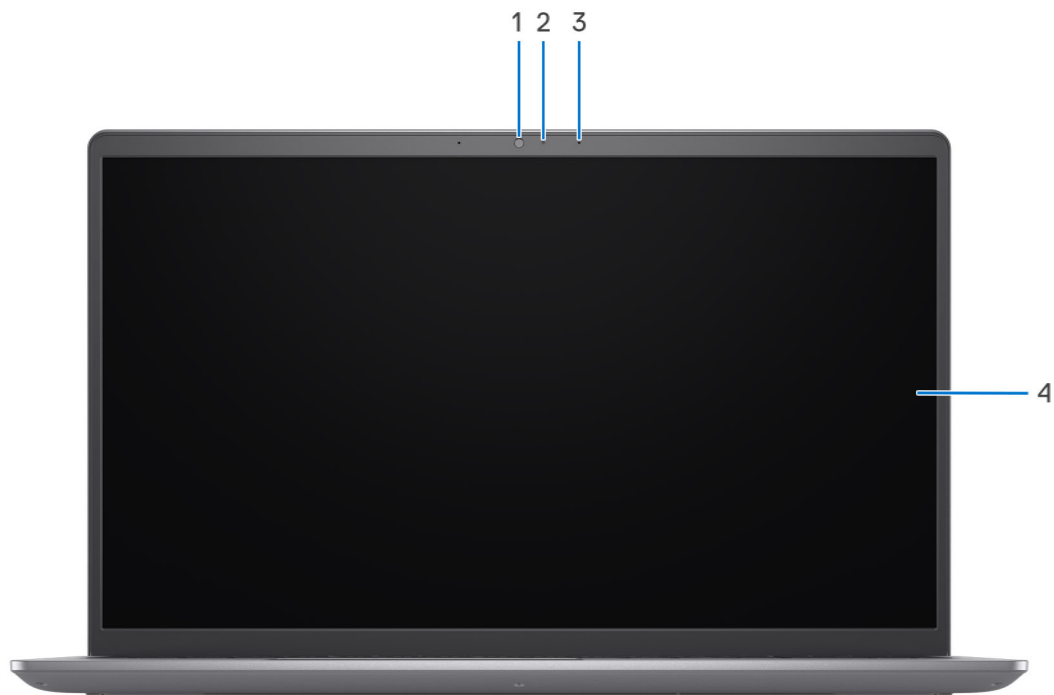


Figure 4. For computers shipped with a plastic chassis

1. Camera

Enables you to video chat, capture photos, and record videos.

2. Camera-status light

Turns on when the camera is in use.

3. Microphone

Provides digital sound input for audio recording, voice calls, and so on.

4. Display

Provides visual output.

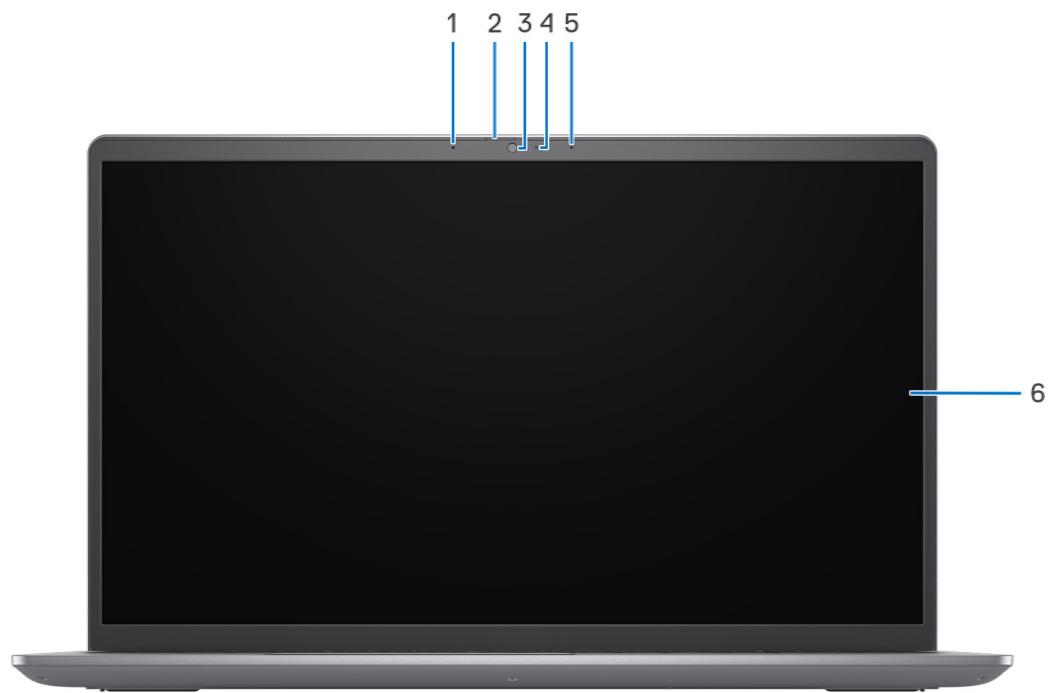


Figure 5. For computers shipped with an aluminum chassis

1. Left microphone

Provides digital sound input for audio recording and voice calls.

2. Privacy shutter

Slide the privacy shutter to cover the camera lens and protect your privacy when the camera is not in use.

3. Camera

Enables you to video chat, capture photos, and record videos.

4. Camera-status light

Turns on when the camera is in use.

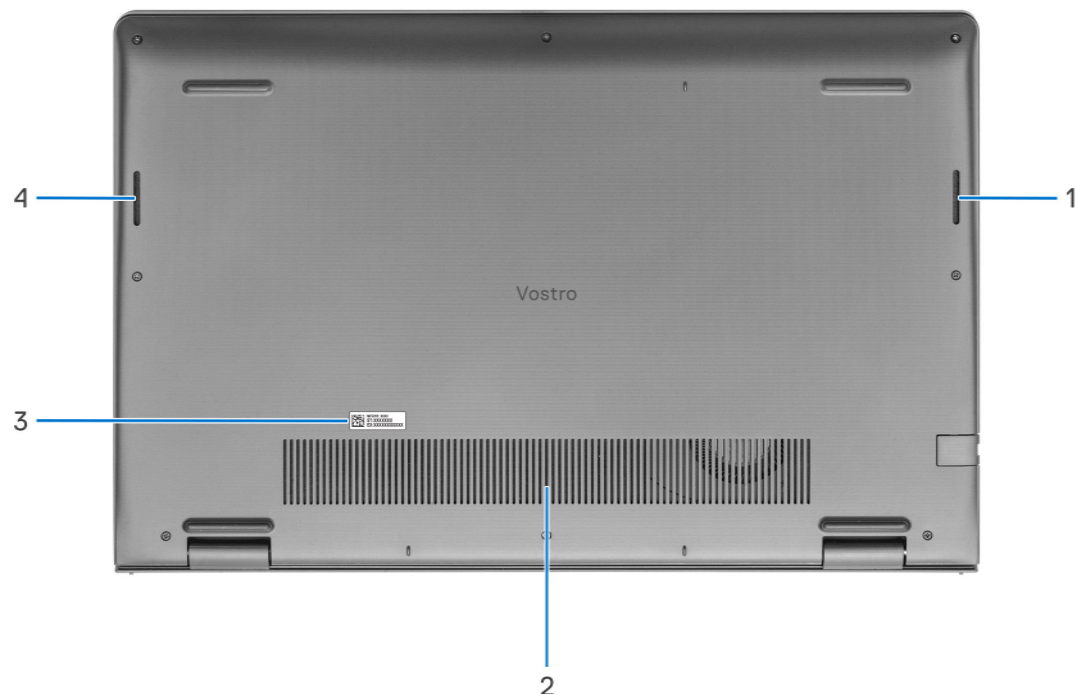
5. Right microphone

Provides digital sound input for audio recording and voice calls.

6. Display

Provides visual output.

Bottom



1. Right speaker

Provides audio output.

2. Air vents

Air vents provide ventilation for your computer. Clogged air vents can cause overheating and can affect your computer's performance and potentially cause hardware issues. Keep the air vents clear of obstructions and clean them regularly to prevent build-up of dust and dirt. For more information about cleaning air vents, search for articles in Knowledge Base Resource at www.dell.com/support.

3. 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.

4. Left speaker

Provides audio output.

Service Tag

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.



Battery charge and status light

The following table lists the battery charge and status light behavior of your Vostro 15 3530.

Table 1. Battery charge and status light behavior

| Power Source | LED Behavior | System Power State | Battery Charge Level |
|--------------|--------------------------|--------------------|----------------------|
| AC Adapter | Off | S0 - S5 | Fully Charged |
| AC Adapter | Solid White | S0 - S5 | < Fully Charged |
| Battery | Off | S0 - S5 | 11-100% |
| Battery | Solid Amber (590+/-3 nm) | S0 - S5 | < 10% |

- S0 (ON) - System is turned on.
- S4 (Hibernate) - The system consumes the least power compared to all other sleep states. The system is almost at an OFF state, except for a trickle power. The context data is written to a hard drive.
- S5 (OFF) - The system is in a shutdown state.

Set up your Vostro 15 3530

About this task

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

Steps

1. Connect the power adapter and press the power button.



NOTE: To conserve battery power, the battery might enter power saving mode. Connect the power adapter and press the power button to turn on the computer.

2. Finish operating system setup.

For Ubuntu:

Follow the on-screen instructions to complete the setup. For more information about installing and configuring Ubuntu, search in the Knowledge Base Resource at www.dell.com/support.







For Windows:

Follow the on-screen instructions to complete the setup. When setting up, Dell recommends that you:

- Connect to a network for Windows updates.
 - NOTE:** If connecting to a secured wireless network, enter the password for the wireless network access when prompted.
- If connected to the internet, sign-in with or create a Microsoft account. If not connected to the internet, create an offline account.
- On the **Support and Protection** screen, enter your contact details.

3. Locate and use Dell apps from the Windows Start menu—Recommended.

Table 2. Locate Dell apps



| Resources | Description |
|---|--|
|  | Dell Product Registration Register your computer with Dell. |
|  | Dell Help & Support Access help and support for your computer. |
|  | My Dell Centralized location for key Dell applications, help articles, and other important information about your computer. It also notifies you about the warranty status, recommended accessories, and software updates if available. |
|  | SupportAssist SupportAssist is the smart technology that keeps your computer running at its best by optimizing settings, detecting issues, removing viruses and notifies when you need to make system updates. SupportAssist proactively checks the health of your system's hardware and software. When an issue is detected, the necessary system state information is sent to Dell to begin troubleshooting. SupportAssist is preinstalled on most of the Dell devices running Windows operating system. For more information, see SupportAssist for Home PCs User's Guide on www.dell.com/serviceabilitytools . NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty. |
|  | Dell Update Updates your computer with critical fixes and latest device drivers as they become available. For more information on using Dell Update, search in the Knowledge Base Resource at www.dell.com/support . |
|  | Dell Digital Delivery Download software applications, which are purchased but not preinstalled on your computer. For more information on using Dell Digital Delivery, search in the Knowledge Base Resource at www.dell.com/support . |

Specifications of Vostro 15 3530

Dimensions and weight

The following table lists the height, width, depth, and weight of your Vostro 15 3530.

Table 3. Dimensions and weight

| Description | Computer shipped with a plastic chassis | Computer shipped with an aluminum chassis |
|------------------|---|--|
| Height: | | |
| Front height | 16.96 mm (0.67 in.) | 15.52 mm (0.61 in.) |
| Rear height | 19.00 mm (0.75 in.) | 17.50 mm (0.69 in.) |
| Width | 358.50 mm (14.11 in.) | 358.50 mm (14.11 in.) |
| Depth | 235.56 mm (9.27 in.) | 234.90 mm (9.25 in.) |
| Weight (minimum) | 1.66 kg (3.66 lb)  NOTE: The weight of your computer depends on the configuration ordered and manufacturing variability. | 1.63 kg (3.60 lb)  NOTE: The weight of your computer depends on the configuration ordered and manufacturing variability. |

Processor

The following table lists the details of the processors supported by your Vostro 15 3530.

Table 4. Processor


| Description | Option one | Option two | Option three | Option four | Option five |
|---|---|---|---|---|----------------------|
| Processor type | 13 th Generation Intel Core i3-1305U | 13 th Generation Intel Core i5-1334U | 13 th Generation Intel Core i5-1335U | 13 th Generation Intel Core i7-1355U | Intel Processor U300 |
| Processor wattage | 15 W | 15 W | 15 W | 15 W | 15 W |
| Processor total core count | 5 | 10 | 10 | 10 | 5 |
| Performance-cores | 1 | 2 | 2 | 2 | 1 |
| Efficient-cores | 4 | 8 | 8 | 8 | 4 |
| Processor total thread counts | 6 | 12 | 12 | 12 | 6 |
|  NOTE: Intel Hyper-Threading Technology is only available | | | | | |

Table 4. Processor (continued)

| Description | Option one | Option two | Option three | Option four | Option five |
|-----------------------------|----------------------|------------------------------------|------------------------------------|------------------------------------|----------------------|
| on Performance-cores. | | | | | |
| Processor speed | 1.20 GHz to 4.50 GHz | 0.90 GHz to 4.60 GHz | 0.90 GHz to 4.60 GHz | 1.20 GHz to 5.00 GHz | 0.90 GHz to 4.40 GHz |
| Performance-cores frequency | | | | | |
| Processor base frequency | 1.60 GHz | 1.30 GHz | 1.30 GHz | 1.70 GHz | 1.20 GHz |
| Maximum turbo frequency | 4.50 GHz | 4.60 GHz | 4.60 GHz | 5.00 GHz | 4.40 GHz |
| Efficient-cores frequency | | | | | |
| Processor base frequency | 1.20 GHz | 0.90 GHz | 0.90 GHz | 1.20 GHz | 0.90 GHz |
| Maximum turbo frequency | 3.30 GHz | 3.40 GHz | 3.40 GHz | 3.70 GHz | 3.30 GHz |
| Processor cache | 10 MB | 12 MB | 12 MB | 12 MB | 8 MB |
| Integrated graphics | Intel UHD Graphics | Intel Iris X ^e Graphics | Intel Iris X ^e Graphics | Intel Iris X ^e Graphics | Intel UHD Graphics |

Chipset

The following table lists the details of the chipset that is supported for your Vostro 15 3530.

Table 5. Chipset

| Description | Option one | Option two |
|----------------|---|---|
| Processors | 13 th Generation Intel Core i3/i5/i7 processors and Intel Processor U300 | 13 th Generation Intel Core i5/i7 processors |
| Chipset | Integrated with the processor | Integrated with the processor |
| DRAM bus width | 64-bit | 64-bit |
| Flash EPROM | 32 MB | 32 MB |
| PCIe bus | Up to Gen 3 | Up to Gen 4 |

Operating system

Your Vostro 15 3530 supports the following operating systems:

- Windows 11 Pro
- Windows 11 Pro National Academic
- Windows 11 Home
- Windows 11 Pro Downgrade (Windows 10 image factory installed)
- Ubuntu 22.04 LTS, 64-bit

Memory

The following table lists the memory specifications of your Vostro 15 3530.

Table 6. Memory specifications

| Description | Values |
|---------------------------------|--|
| Memory slots | Two SODIMM slots |
| Memory type | DDR4 |
| Memory speed | <ul style="list-style-type: none">• 2666 MHz (for computers shipped with USB 3.2 Gen 1 Type-C port)• 3200 MHz (for computers shipped with USB 3.2 Gen 1 Type-C port with DisplayPort Alt Mode 1.4/Power Delivery) |
| Maximum memory configuration | 16 GB |
| Minimum memory configuration | 4 GB |
| Memory size per slot | 4 GB, 8 GB and 16 GB |
| Memory configurations supported | <p>For computers shipped with USB 3.2 Gen 1 Type-C port</p> <ul style="list-style-type: none">• 4 GB, 1 x 4 GB, DDR4, 2666 MHz• 8 GB, 2 x 4 GB, DDR4, 2666 MHz, dual-channel• 8 GB, 1 x 8 GB, DDR4, 2666 MHz• 12 GB, 1 x 4 GB + 1 x 8 GB, DDR4, 2666 MHz, dual-channel• 16 GB, 2 x 8 GB, DDR4, 2666 MHz, dual-channel• 16 GB, 1 x 16 GB, DDR4, 2666 MHz <p>For computers shipped with USB 3.2 Gen 1 Type-C port with DisplayPort Alt Mode 1.4/Power Delivery</p> <ul style="list-style-type: none">• 4 GB, 1 x 4 GB, DDR4, 3200 MHz• 8 GB, 2 x 4 GB, DDR4, 3200 MHz, dual-channel• 8 GB, 1 x 8 GB, DDR4, 3200 MHz• 12 GB, 1 x 4 GB + 1 x 8 GB, DDR4, 3200 MHz, dual-channel• 16 GB, 2 x 8 GB, DDR4, 3200 MHz, dual-channel• 16 GB, 1 x 16 GB, DDR4, 3200 MHz |


External ports

The following table lists the external ports of your Vostro 15 3530.

Table 7. External ports

| Description | Values |
|--------------|--|
| Network port | One Flip-Down RJ45 Ethernet port |
| USB ports | <ul style="list-style-type: none">• One USB 3.2 Gen 1 port• One USB 2.0 port• One USB 3.2 Gen 1 Type-C port (for computers shipped with a plastic chassis)• One USB 3.2 Gen 1 Type-C port with DisplayPort Alt Mode 1.4/Power Delivery (for computers shipped with an aluminum chassis or a discrete graphics card installed) |


Table 7. External ports (continued)

| Description | Values |
|---------------------|---|
| Audio port | One universal audio port |
| Video port | <ul style="list-style-type: none"> One HDMI 1.4 port  NOTE: The maximum resolution supported by HDMI port is 1920 x 1080 at 60 Hz. One USB 3.2 Gen 1 Type-C port with DisplayPort Alt Mode 1.4/Power Delivery (for computers shipped with an aluminum chassis or a discrete graphics card installed) |
| Media-card reader | One SD-card slot |
| Power-adaptor port | One DC-in port (4.50 mm standard plug) |
| Security-cable slot | One wedge-shaped lock slot |

Internal slots

The following table lists the internal slots of your Vostro 15 3530.

Table 8. Internal slots

| Description | Values |
|-------------|--|
| M.2 | <ul style="list-style-type: none"> One M.2 2230/2280 slot for solid-state drive One M.2 2230 slot for WLAN, Wi-Fi/Bluetooth  NOTE: To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at www.dell.com/support . |

Ethernet

The following table lists the wired Ethernet Local Area Network (LAN) specifications of your Vostro 15 3530.

Table 9. Ethernet specifications

| Description | Values |
|---------------|-----------------------------|
| Model number | Integrated Realtek RTL8111H |
| Transfer rate | 10/100/1000 Mbps |

Wireless module

The following table lists the Wireless Local Area Network (WLAN) modules that are supported on your Vostro 15 3530.

Table 10. Wireless module specifications

| Description | Option one | Option two |
|---------------|-------------------|-------------------|
| Model number | Realtek RTL8821CE | Realtek RTL8852BE |
| Transfer rate | Up to 433 Mbps | Up to 1201 Mbps |

Table 10. Wireless module specifications (continued)

| Description | Option one | Option two |
|---------------------------|---|--|
| Frequency bands supported | 2.40 GHz/5 GHz | 2.40 GHz/5 GHz |
| Wireless standards | <ul style="list-style-type: none"> • WiFi 802.11a/b/g • Wi-Fi 4 (WiFi 802.11n) • Wi-Fi 5 (WiFi 802.11ac) | <ul style="list-style-type: none"> • WiFi 802.11a/b/g • Wi-Fi 4 (WiFi 802.11n) • Wi-Fi 5 (WiFi 802.11ac) • Wi-Fi 6 (WiFi 802.11ax) |
| Encryption | <ul style="list-style-type: none"> • 64-bit/128-bit WEP • AES-CCMP • TKIP | <ul style="list-style-type: none"> • 64-bit/128-bit WEP • AES-CCMP • TKIP |
| Bluetooth wireless card | Bluetooth 5.0 wireless card | Bluetooth 5.3 wireless card <i>i</i> NOTE: Particular versions of Microsoft Windows may not support the full Bluetooth 5.3 wireless card functionality. |
| | <i>i</i> NOTE: The version of the Bluetooth wireless card may vary depending on the operating system that is installed on your computer. | |

Audio

The following table lists the audio specifications of your Vostro 15 3530.

Table 11. Audio specifications

| Description | | Values |
|----------------------------|------------------------|--|
| Audio controller | | There are two audio controller options: <ul style="list-style-type: none"> • Realtek ALC3204 • Realtek ALC3254 |
| Stereo conversion | | Supported |
| Internal audio interface | | High definition audio interface |
| External audio interface | | One universal audio port |
| Number of speakers | | Two |
| Internal-speaker amplifier | | Supported |
| External volume controls | | Keyboard shortcut controls |
| Speaker output: | | |
| | Average speaker output | 2 W |
| | Peak speaker output | 2.5 W |
| Subwoofer output | | Not supported |
| Microphone | | <ul style="list-style-type: none"> • Single integrated microphone (for computers shipped with a plastic chassis) • Dual-array microphones (for computers shipped with an aluminum chassis) |

Storage

This section lists the storage options on your Vostro 15 3530.

Your Vostro 15 3530 supports the following storage configurations:

- One M.2 2230/2280 solid-state drive

The M.2 2230/2280 solid-state drive is the primary drive of your computer.


Table 12. Storage specifications

| Storage type | Interface type | Capacity |
|-----------------------------|-----------------------|------------|
| M.2 2230, Solid-state drive | PCIe NVMe Gen4 x4 QLC | Up to 1 TB |
| M.2 2230, Solid-state drive | PCIe NVMe Gen4 x4 | Up to 1 TB |
| M.2 2280, Solid-state drive | PCIe NVMe Gen4 x4 | Up to 2 TB |

Media-card reader

The following table lists the media cards that are supported on your Vostro 15 3530.

Table 13. Media-card reader specifications

| Description | Values |
|---|---|
| Media-card type | One SD-card slot |
| Media-cards supported | <ul style="list-style-type: none">• Secure Digital (SD)• Secure Digital High Capacity (SDHC)• Secure Digital Extended Capacity (SDXC) |
|  NOTE: The maximum capacity supported by the media-card reader varies depending on the standard of the media card that is installed on your computer. | |


Keyboard

The following table lists the keyboard specifications of your Vostro 15 3530.


Table 14. Keyboard specifications

| Description | Values |
|--------------------|--|
| Keyboard type | <ul style="list-style-type: none">• Standard backlit keyboard• Standard non-backlit keyboard |
| Keyboard layout | QWERTY |
| Number of keys | <ul style="list-style-type: none">• United States and Canada: 99 keys• United Kingdom: 100 keys• Japan: 103 keys |
| Keyboard size | X = 18.70 mm key pitch Y = 18.05 mm key pitch |
| Keyboard shortcuts | 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, |

Table 14. Keyboard specifications (continued)

| Description | Values |
|-------------|---|
| | <p>press Shift and the desired key. To perform secondary functions, press Fn and the desired key.</p> <p> NOTE: You can define the primary behavior of the function keys (F1–F12) by changing Function Key Behavior in BIOS setup program.</p> |

Keyboard shortcuts of Vostro 15 3530

 **NOTE:** Keyboard characters may differ depending on the keyboard language configuration. Keys used for shortcuts remain the same across all language configurations.

Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. The symbol shown on the lower part of the key refers to the character that is typed out when the key is pressed. If you press shift and the key, the symbol shown on the upper part of the key is typed out. For example, if you press **2**, **2** is typed out; if you press **Shift + 2**, **@** is typed out.

The keys F1-F12 at the top row of the keyboard are function keys for multi-media control, as indicated by the icon at the bottom of the key. Press the function key to invoke the task represented by the icon. For example, pressing F1 mutes the audio (refer to the table below).

However, if the function keys F1-F12 are needed for specific software applications, multi-media functionality can be disabled by pressing **fn + Esc**. Subsequently, multi-media control can be invoked by pressing **fn** and the respective function key. For example, mute audio by pressing **fn + f1**.





 **NOTE:** You can also define the primary behavior of the function keys (F1–F12) by changing **Function Key Behavior** in BIOS setup program.

Table 15. List of keyboard shortcuts

| Function key | Primary behavior |
|--------------|--|
| F1 | Mute audio |
| F2 | Decrease volume |
| F3 | Increase volume |
| F4 | Play/Pause |
| F5 | <p>Click keyboard backlight (optional).</p> <p> NOTE: Non-backlight keyboards have F5 function key without the backlight icon and do not support toggle keyboard backlight function.</p> <p> NOTE: Toggle to cycle the keyboard backlight status through off, low-backlight, and high-backlight.</p> |
| F6 | Decrease brightness |
| F7 | Increase brightness |
| F8 | Switch to external display |
| F10 | Print screen |
| F11 | Home |
| F12 | End |

The **fn** key is also used with selected keys on the keyboard to invoke other secondary functions.



Table 16. Secondary behavior

| Function key | Secondary behavior |
|---|-------------------------------|
| fn + Esc | Toggle fn-key lock |
| fn + S | Toggle scroll lock |
| fn + B | Pause/Break |
| fn + R | System request |
| fn + Right ctrl | Open application menu |
| fn + /  NOTE: This option is available only in Brazilian keyboard. | Open application menu |
| fn + Space bar | Open emoji menu |
| fn + T | Toggle ultra performance mode |
| fn + Left arrow | Home |
| fn + Right arrow | End |

Camera

The following table lists the camera specifications of your Vostro 15 3530.

Table 17. Camera specifications

| Description | Computer shipped with plastic chassis | Computer shipped with aluminum chassis |
|---|---|--|
| Number of cameras | One | One |
| Camera type | There is one camera option: <ul style="list-style-type: none"> HD RGB camera | There is one camera option: <ul style="list-style-type: none"> FHD RGB camera |
| Camera location | Front camera | Front camera |
| Camera sensor type | CMOS sensor technology | CMOS sensor technology |
| Camera resolution: | | |
|  Still image | 0.92 megapixel | 2.00 megapixel |
|  Video | 1280 x 720 (HD) at 30 fps | 1920 x 1080 (FHD) at 30 fps |
| Diagonal viewing angle | 78.60 degrees | 82.00 degrees |

Touchpad

The following table lists the touchpad specifications of your Vostro 15 3530.

Table 18. Touchpad specifications



| Description | Values |
|--|-----------|
| Touchpad resolution: | |
|  Horizontal | > 300 dpi |
|  Vertical | > 300 dpi |


Table 18. Touchpad specifications (continued)

| Description | | Values |
|----------------------|------------|--|
| Touchpad dimensions: | | |
| | Horizontal | 115.00 mm (4.53 in.) |
| | Vertical | 80.00 mm (3.15 in.) |
| Touchpad gestures | | For more information about touchpad gestures available on Windows, see the Microsoft Knowledge Base article at support.microsoft.com . |

Power adapter

The following table lists the power adapter specifications of your Vostro 15 3530.

Table 19. Power adapter specifications

| Description | | Values |
|--|-------------------|--------------------------------|
| Type | | 65 W |
| Connector dimensions: | | |
| | External diameter | 4.50 mm (0.18 in.) |
| | Internal diameter | 2.90 mm (0.11 in.) |
| Power-adapter dimensions: | | |
| | Height | 28.00 mm (1.10 in.) |
| | Width | 47.00 mm (1.90 in.) |
| | Depth | 108.00 mm (4.30 in.) |
| Power-adapter weight (maximum) | | 0.29 kg (0.64 lb) |
| Input voltage | | 100 VAC - 240 VAC |
| Input frequency | | 50 Hz - 60 Hz |
| Input current (maximum) | | 1.60 A/1.70 A |
| 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) |
|  CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components. | | |

Battery

The following table lists the battery specifications of your Vostro 15 3530.

Table 20. Battery specifications






| Description | | Option one | Option two |
|--|-----------|--|--|
| Battery type | | 3-cell, 41 Wh, lithium-polymer, ExpressCharge | 4-cell, 54 Wh, lithium-polymer, ExpressCharge |
| Battery voltage | | 11.25 VDC | 15.00 VDC |
| Battery weight (maximum) | | 0.19 kg (0.41 lb) | 0.24 kg (0.55 lb) |
| Battery dimensions: | | | |
| | Height | 206.40 mm (8.12 in.) | 271.90 mm (10.70 in.) |
| | Width | 82.00 mm (3.22 in.) | 82.00 mm (3.22 in.) |
| | Depth | 5.75 mm (0.22 in.) | 5.75 mm (0.22 in.) |
| Temperature range: | | | |
| | Operating | <p>When charging battery:</p> <ul style="list-style-type: none"> Initiating charging: 0°C to 45°C (32°F to 113°F) Upper limit for charging (maximum): 50°C (122°F) <p>When discharging battery:</p> <ul style="list-style-type: none"> Normal discharging: 0°C to 60°C (32°F to 140°F) Over temperature protection (maximum): 70°C (158°F) <p> NOTE: The battery does not allow discharge past this temperature.</p> | <p>When charging battery:</p> <ul style="list-style-type: none"> Initiating charging: 0°C to 45°C (32°F to 113°F) Upper limit for charging (maximum): 50°C (122°F) <p>When discharging battery:</p> <ul style="list-style-type: none"> Normal discharging: 0°C to 60°C (32°F to 140°F) Over temperature protection (maximum): 70°C (158°F) <p> NOTE: The battery does not allow discharge past this temperature.</p> |
| | Storage | -20°C to 60°C (-4°F to 140°F) | -20°C to 60°C (-4°F to 140°F) |
| Battery operating time | | Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions. | Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions. |
| Battery charging time (approximate)  NOTE: Control the charging time, duration, start and end time, and so on, using the Dell Power Manager application. For more information about Dell Power Manager, search in the Knowledge Base Resource at www.dell.com/support . | | <p>Standard Charge/Predominately AC User Charge Method:</p> <ul style="list-style-type: none"> 0 - 15°C maximum allowable charge time from 0 to 100% RSOC is 4 hours 16 - 50°C maximum allowable charge time from 0 to 100% RSOC is 3 hours <p>Express Charge Method:</p> <ul style="list-style-type: none"> 0 - 15°C maximum allowable charge time from 0 to 100% RSOC is 4 hours 16 - 45°C normal express charge 46 - 50°C maximum allowable charge time from 0 to 80% RSOC | <p>Standard Charge/Predominately AC User Charge Method:</p> <ul style="list-style-type: none"> 0 - 15°C maximum allowable charge time from 0 to 100% RSOC is 4 hours 16 - 50°C maximum allowable charge time from 0 to 100% RSOC is 3 hours <p>Express Charge Method:</p> <ul style="list-style-type: none"> 0 - 15°C maximum allowable charge time from 0 to 100% RSOC is 4 hours 16 - 45°C normal express charge 46 - 50°C maximum allowable charge time from 0 to 80% RSOC is 1 hours charge time from 0 to 100% RSOC is 2 hours |

Table 20. Battery specifications (continued)

| Description | Option one | Option two |
|--|---|--|
| | <p>is 1 hours charge time from 0 to 100% RSOC is 2 hours</p> <p>Express Charge Boost Charge Method (Fast Charge for Initial 35%):</p> <ul style="list-style-type: none"> 16 - 45°C target charge time from 0 to 35% RSOC is 20 mins | <p>Express Charge Boost Charge Method (Fast Charge for Initial 35%):</p> <ul style="list-style-type: none"> 16 - 45°C target charge time from 0 to 35% RSOC is 20 mins |
| Coin-cell battery | Not supported | Not supported |
| <p> CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.</p> <p> CAUTION: Dell Technologies recommends that you charge the battery regularly for optimal power consumption. If your battery charge is depleted, connect the power adapter, turn on your computer, and then restart your computer to reduce the power consumption.</p> | | |

Display

The following table lists the display specifications of your Vostro 15 3530.

Table 21. Display specifications

| Description | Option one | Option two |
|---|--------------------------------|--------------------------------------|
| Display type | 15.6-inch High Definition (HD) | 15.6-inch Full High Definition (FHD) |
| Touch options | No | No |
| Display-panel technology | Twisted Nematic (TN) | In-Plane Switching (IPS) |
| Display-panel dimensions (active area): | | |
| Height | 193.54 mm (7.62 in.) | 193.59 mm (7.62 in.) |
| Width | 344.23 mm (13.55 in.) | 344.14 mm (13.55 in.) |
| Diagonal | 394.91 mm (15.55 in.) | 394.87 mm (15.55 in.) |
| Display-panel native resolution | 1366 x 768 | 1920 x 1080 |
| Luminance (typical) | 220 nits | 250 nits |
| Megapixels | 1.05 | 2.07 |
| Color gamut | 45% NTSC | 45% NTSC |
| Pixels Per Inch (PPI) | 100 | 141 |
| Contrast ratio (minimum) | 400:1 | 600:1 |
| Response time (maximum) | 20 ms | 35 ms |
| Refresh rate | 60 Hz | 120 Hz |
| Horizontal view angle | 40 +/- degrees (min.) | 80 +/- degrees (min.) |

Table 21. Display specifications (continued)

| Description | Option one | Option two |
|-----------------------------|-------------------------------------|-------------------------|
| Vertical view angle | 10 (Top)/30 (Bottom) degrees (min.) | 80 +/- degrees (min.) |
| Pixel pitch | 0.252 mm x 0.252 mm | 0.17925 mm x 0.17925 mm |
| Power consumption (maximum) | 4.20 W | 5.25 W |
| Anti-glare vs glossy finish | Anti-glare | Anti-glare |

Fingerprint reader (optional)

The following table lists the specifications of the optional fingerprint reader of your Vostro 15 3530.


 **NOTE:** The fingerprint reader is located on the power button.

Table 22. Fingerprint reader specifications

| Description | Values |
|--------------------------------------|--------------------|
| Fingerprint-reader sensor technology | Capacitive sensing |
| Fingerprint-reader sensor resolution | 500 dpi |
| Fingerprint-reader sensor pixel size | 108 x 88 pixel |

Sensor

The following table lists the sensor of your Vostro 15 3530.

Table 23. Sensor

| Sensor support |
|--|
| Adaptive Thermal Performance Accelerometer |

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Vostro 15 3530.

Table 24. GPU—Integrated

| Controller | Memory size | Processor |
|------------------------------------|-------------------------------------|---|
| Intel UHD Graphics | Shared system memory | 13 th Generation Intel Core i3 processors and Intel Processor U300 |
| Intel Iris X ^e Graphics | Shared system memory (dual-channel) | 13 th Generation Intel Core i5/i7 processors |

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Vostro 15 3530.

Table 25. GPU—Discrete

| Controller | Memory size | Memory type |
|----------------------|-------------|-------------|
| NVIDIA GeForce MX550 | 2 GB | GDDR6 |

Hardware security

The following table lists the hardware security of your Vostro 15 3530.

Table 26. Hardware security


| Hardware security |
|---|
| Windows 10 Hello - Fingerprint Reader (optional) |
| Trusted Platform Module TPM 2.0 |
| Wedge-shaped lock |
| Mechanical camera shutter (only for computers shipped with an aluminum chassis) |

Operating and storage environment

This table lists the operating and storage specifications of your Vostro 15 3530.

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

Table 27. Computer environment

| Description | Operating | Storage |
|--|----------------------------------|-----------------------------------|
| Temperature range | 0°C to 35°C (32°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)* | 0.66 GRMS | 1.30 GRMS |
| Shock (maximum) | 110 G† | 160 G† |
| Altitude range | 0 m to 3048 m (0 ft to 10000 ft) | 0 m to 10668 m (0 ft to 35000 ft) |
|  CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components. | | |


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

† Measured using a 2 ms half-sine pulse.

Dell support policy

For information about Dell support policy, search in the Knowledge Base Resource at www.dell.com/support.

ComfortView

 **WARNING:** Prolonged exposure to blue light from the display may lead to long-term effects such as eye strain, eye fatigue, or damage to the eyes.

Blue light is a color in the light spectrum which has a short wavelength and high energy. Chronic exposure to blue light, particularly from digital sources, may disrupt sleep patterns and cause long-term effects such as eye strain, eye fatigue, or damage to the eyes.

ComfortView mode can be enabled and configured using the Dell CinemaColor application.

ComfortView mode complies with TÜV Rheinland's requirement for low blue light software solution displays.

Low blue light: Dell ComfortView software technology reduces harmful blue light emissions to make extended screen time easy on your eyes.

To reduce the risk of eye strain, it is also recommended that you:

- Position the display at a comfortable viewing distance between 20 and 28 inches (50 and 70 cm) from your eyes.
- Blink frequently to moisten your eyes, wet your eyes with water, or apply suitable eye drops.
- Look away from your display, and gaze at a distant object at 20 ft (609.60 cm) away for at least 20 seconds during each break.
- Take an extended break for 20 minutes every two hours.