

# Dell Inspiron 15 Laptop

## Model 5510

Reviewer's Guide – April 2021



Product appearance may vary slightly from image shown.

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# Inspiron Brand

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From the moment you turn on your Inspiron, you're greeted and connected to a whole new world. Whether it's social media, streaming movies, or finishing your work; Inspiron delivers what matters most to you, in style.

Inspiron laptops and 2-in1s are thoughtfully designed so you can stay connected wherever you are with long-lasting battery life and chic, lightweight designs. With Dell Mobile Connect's wireless integration, you can also seamlessly connect your PC and smartphone.

Equipped with the latest processors, graphics, and thermal solutions; your PC runs quickly and smoothly. Connect with confidence, thanks to security and privacy-enhancing features such as mechanical shutters over the webcam and optional fingerprint readers. A range of display options create a brilliant visual experience to help your loved ones feel even closer over video chats.

Optimized with technology that simplifies your life, Inspiron laptops and 2-in-1s offer a range of optional easy-to-use features all packaged in a minimalist and modern design, available in classic and expressive color options that add to your flair.

Not only does your Inspiron compliment your style, we are environmentally conscious with packaging made of recycled materials. With Inspiron, enjoy more of your world through seamless connectivity, chic and environmentally-conscious designs, and easy-to-use technology that simplifies your life.



# Inspiron 15 (5510) Feature Overview

## Fuel your connections

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The new Inspiron 15 is optimized for fast and smooth performance to keep you connected. In a 15" form factor that is ideal for productivity, your device offers the latest 11th Generation Intel® Core™ processors. You can also opt for additional graphics muscle by selecting configurations with NVIDIA® GeForce® MX450 discrete graphics.

A redesigned thermal system unleashes the power of your device while also preserving its thin design. Dual heat pipes move heat away from your CPU and GPU, move more air and a drop-hinge allows air to circulate underneath your laptop. With a fluid dynamic bearing system, your laptop's fan is not only long-lasting, but it also runs quietly while keeping your device performing at its best.

Additional bells and whistles keep you connected while increasing your device's flexibility. Available on configurations with an Intel® i7 processor, a Thunderbolt™ 4 port over USB Type-C™ supports DisplayPort and Power Delivery, meaning the one port can charge the laptop, connect to peripherals, and supply monitors with a display signal. Finally, enjoy up to 1TB PCIe NVMe SSD storage for responsive and stable performance on the go.



# Inspiron 15 (5510)

## Feature Overview

### Fuel your connections

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#### Easy-to-use technology

- Your always-ready experience starts as soon as you open your device. Turn on, boot-up, and log-in quickly. A **lid-open sensor** gets the laptop started when opened, even if completely off or hibernating, and an **optional fingerprint reader** will verify identity quickly for login using Windows Hello.
- Staying connected with up-to-date applications has never been easier thanks to **Connected Modern Standby**. Now your device stays ready, even when asleep, so you can quickly access files and applications whenever needed for an instant-on experience.
- **ExpressCharge™** minimizes the time you spend tethered to an outlet and will recharge your battery in a flash (up to 80% in 60 minutes\*).
- Using advanced algorithms and accelerometers, your system's **adaptive thermals** are smart enough to know when it is on a stable surface, such as a desk, or unstable surface like your hands or lap. This allows your device to intelligently adapt its power and thermal profiles to the situation – keeping your device running smoothly.
- *\*ExpressCharge must be enabled within Dell Power Manager software. System must be powered off or in hibernation mode for ExpressCharge feature to function. After charging has reached the stated capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not recommended with a smaller capacity power adapter. Charging times may vary.*





# Inspiron 15 (5510 5518)

## Feature Overview

### Fuel your connections

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#### A PC with a view

- An **FHD display with wide-viewing angle technology** gives you a clear and crisp view even if you aren't looking at the display directly, so everyone can gather around your PC for a video call and get a great view of the screen.
- **All-around narrow borders and compact size** result in an expansive screen-to-body ratio and delightful viewing experience.
- A **mechanical camera shutter** protects against anyone invading your privacy or accidental embarrassments on video calls; so you can read, watch, or chat all day with peace of mind.
- Upgrade your view with an optional **FHD panel with 300-nit brightness and 100% sRGB color coverage**; so you can watch, write, and work with ease, whether you're in a room or outside, thanks to your bright and colorful screen. **Dolby Vision™** further enhances HDR content's superior dynamic range, with Dolby Vision content delivering highlights that are up to 40 times brighter and blacks that are up to 10 times darker.\* Finally, this ComfortView Plus display is **TÜV certified** and includes an always-on, built-in solution that reduces harmful blue light emission without sacrificing true-to-life colors.\*\*

*\*Based on Dolby Vision HDR specifications.*

*\*\*\*\*TUV certification requires that the ratio of light in the range from 415nm - 455nm compared to 400nm - 500nm shall be less than 50%.)*



# Inspiron 15 (5510)

## Feature Overview

### Fuel your connections

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#### Elevated design

- Select from two color options and extend your personal style to your laptop. **Platinum Silver** is classic yet contemporary. **Mist Blue** is inspired by the beauty found in nature with a stunning exterior and a subtle interior for an eye-catching contrast.
- Enjoy extra room for navigation with a **full-size pitch and a touchpad that is 6.4% larger\*** than previous generations.
- **1.3mm key travel** provides a satisfying typing experience while keeping your device slim.
- Crafted with **aluminum** on the top cover and palmrest, your device feels luxurious without sacrificing durability.

*\*Based on Dell internal analysis, March 2021.*

#### Environmentally conscious

- The packaging tray for all Inspiron laptops are made from 100% recycled paper, while other packaging components\* are comprised of up to 90% recycled materials.

*\* Excluding plastic bags, films or wraps, keyboard pad, handle, attached labels, and materials used to construct or close package.*

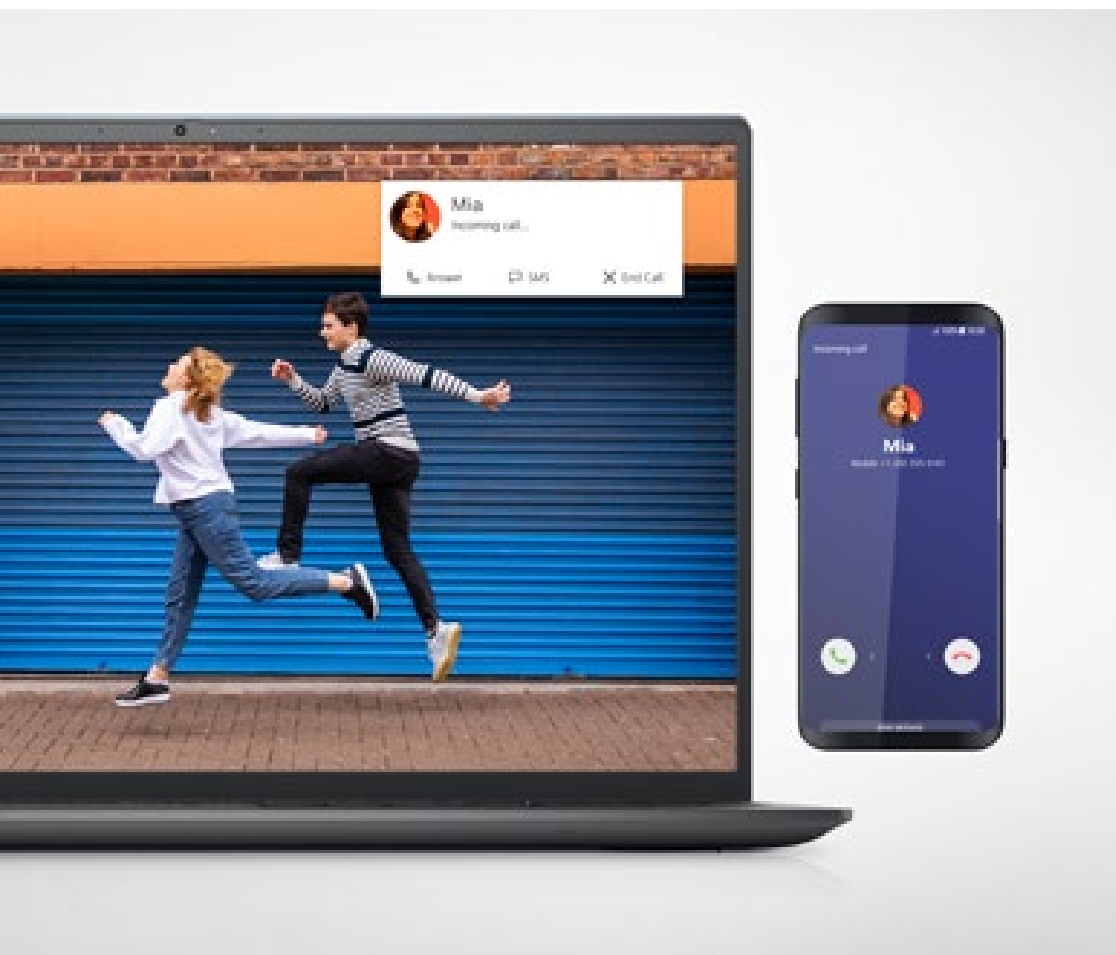


# Inspiron 15 (5510)

## Feature Overview

### Fuel your connections

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#### Unite your devices with Dell Mobile Connect

- **Access multiple devices** without dividing your attention – Dell Mobile Connect pairs your iOS or Android smartphone with your laptop.
- With Dell Mobile Connect, **communicate with ease**. You can make calls, send texts, get notifications, and even mirror your phone onto your PC to interact with all your favorite apps.
- Enjoy fast and easy **file transfer\*** from PCs to smartphones and vice-versa. Quickly move photos, videos, music and documents without complicated cloud storage services or cumbersome cables.
- Your phone connects to your PC via Dell Mobile Connect's point-to-point, **secure connection** so your data is never exposed via unsecure internet connections.

*\*Music and document transfer is not available on iOS phones.*





# Optional Inspiron accessories – 15”

You can maximize the versatility and performance of your Inspiron 15 with Dell recommended accessories to keep you entertained and connected in any room.



## **Dell 27 monitor - S2721HS**

27” FHD monitor beautifully designed to sit easily into any space ready for your everyday lifestyle. Flexibility for all-day comfort with height adjustable stand, tilt, swivel & pivot features.

## **Dell Mobile Adapter Speakerphone - MH3021P**

World’s first multiport adapter with integrated speakerphone offers an all-in-one connectivity and conferencing solution.\*

*\*Based on Dell analysis, March 2020.*

## **Dell Pro Backpack 15 (PO1520P)**

The eco-friendly Dell Pro Backpack 15 (PO1520P) protects your laptop from impact with shock-absorbing EVA foam encased in a durable water resistant outer skin.

## **Dell Mobile Wireless Mouse – MS3320W**

Pair and connect to almost any PC via 2.4GHz wireless or Bluetooth 5.0 and enjoy a long 36 months\* battery life.

*\*Based on Dell internal analysis of battery life usage model calculations, Nov. 2019. Results vary depending on usage and computing conditions.*

## **Dell Multi-Device Wireless Keyboard/Mouse Combo (KM7120W)**

Designed to work seamlessly across 3 devices, this compact combo keeps your desk clutter-free and lets you stay productive with up to 36 months\* battery life.

## **Dell USB-C Mobile Adapter - DA310**

Small and portable 7-in-1 USB-C mobile adapter provides superb video and data connectivity and supports up to 90W power pass-through.



# Inspiron 15 (5510)

## Features & Technical Specifications

Feature	Technical Specification	Feature	Technical Specification
<b>Model Number</b>	Model# 5510	<b>Optical Drive Options</b>	No Optical Drive
<b>Processor Options</b>	11th Generation Intel® Core™ i3-1115G4 Processor (6MB Cache, up to 4.1 GHz) 11th Generation Intel® Core™ i5-11300H Processor 11th Generation Intel® Core™ i7-11370H Processor	<b>Multimedia</b>	(2) tuned speakers (1) Headset jack* Integrated Widescreen HD (720p) Webcam with Dual Digital Microphone Array and camera shutter with Temporal Noise Reduction enabled <i>*3.5mm Headset jack functionality varies by model configuration. For best results, use Dell recommended audio accessories.</i>
<b>Operating System*</b>	Windows® 10 Ubuntu (selected countries)	<b>Connectivity Options</b>	802.11ac, Bluetooth, 2x2 802.11ac, Bluetooth, 1x1 Intel® Wi-Fi 6 AX201 2x2 (Gig+)
<b>Graphics</b>	Intel® UHD Graphics with shared graphics memory – for i3 Intel® Iris X® Graphics with shared graphics memory – for i5/i7 NVIDIA® GeForce® MX450 Graphics with 2GB GDDR5 vRAM – for i5/i7	<b>Battery Options*</b>	3-Cell Battery, 41 Whr (Integrated) 4-Cell Battery, 54 Whr (Integrated)
<b>Display</b>	15.6-inch FHD (1920 x 1080) Anti-Glare LED Backlight Non-Touch Narrow Border 250nits WVA Display 15.6-inch FHD (1920 x 1080) Anti-Glare LED Backlight Non-Touch Narrow Border 300nits WVA Display with ComfortView Plus 15.6-inch FHD (1920 x 1080) Anti-Glare LED Backlight Touch Narrow Border 250nits WVA Display	<b>AC Adapter</b>	65 Watt AC Adapter
<b>Memory Options*</b>	4GB, 1x4GB, DDR4, 3200MHz 8GB, 1x8GB, DDR4, 3200MHz 8GB, 2x4GB, DDR4, 3200MHz 12GB, 8GB+4GB, DDR4, 3200MHz 16GB, 1x16GB, DDR4, 3200MHz 16GB, 2x8GB, DDR4, 3200MHz 24GB, 16GB+8GB, DDR4, 3200MHz 32GB, 2x16GB, DDR4, 3200MHz	<b>Dimensions &amp; Weight*</b>	H/W/D: 0.57" – 0.71" x 14.02" x 9.01" (14.6mm – 17.99mm x 356.06mm x 228.9mm) Starting Weight: 3.6 lbs. (1.633kg)
<b>Storage Options*</b>	128GB/256GB/512GB/1TB M.2 PCIe NVMe Solid State Drive Optional with Dual SSD storage Intel Optane Memory H20 32GB with 512GB Solid State Storage (Available post launch)	<b>Color</b>	Platinum Silver with carbon keyboard (available on configurations without a backlit keyboard) Platinum Silver with titan gray keyboard (available on configurations with a backlit keyboard) Mist Blue
<b>Ports, Slots &amp; Chassis</b>	HDMI 1.4, (1) Intel Thunderbolt 4.0 – i7, (1) USB 3.2 Gen 2x2 Type-C™ (DP/PowerDelivery) – i3/i5, (2) USB 3.2 Gen 1 Type-A, SD card reader, (1) Headphone & Microphone Audio Jack	<b>Security</b>	Fingerprint Reader with Windows Hello (Optional) Webcam privacy shutter
<b>Input</b>	Full-size, spill-resistant keyboard with numeric keypad Optional backlit full-size, spill-resistant keyboard with numeric keypad Multi-touch gesture-enabled precision touchpad with integrated scrolling	<b>Software</b>	Dell Cinema – Color profile, Dell Cinema – SmartByte, Dell Mobile Connect, My Dell, Dell Power Manager, McAfee, Support Assist, DropBox
		<b>Peripheral Ecosystem</b>	Dell 27 Monitor - S2721HS Dell Mobile Adapter Speakerphone - MH3021P Dell Multi-Device Wireless Keyboard and Mouse Combo - KM7120W Dell USB-C Mobile Adapter - DA310 Dell Mobile Wireless Mouse – MS3320W Dell Pro Backpack 15 - PO1520P
		<b>Regulatory and Environmental Compliance</b>	Energy Star 8.0 (Windows OS only)

### NOTES:

**Hard Drives:** GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

**Graphics & System Memory:** GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

**Battery life** figures are based on testing using the Mobile Mark 2014 battery life benchmark test. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). Test results should be used only to compare one product with another and are not a guarantee you will experience the same battery life. Battery life may be significantly less than the test results and varies depending on your product's configuration, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time and use.

**Watt Hour (Whr)** - The stated Watt Hour (Whr) is not an indication of battery life.

**Notebook Weight:** Weights vary depending on configuration and manufacturing variability.



# Inspiron 15 (5510)

## Product Gallery – Dimensions/Front View

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Width: 356.06 mm / 14.02"

Depth: 228.9 mm / 9.01"



Thickness: 14.6mm – 17.99mm / 0.57" – 0.71"



# Inspiron 15 (5510)

## Product Gallery – Top View

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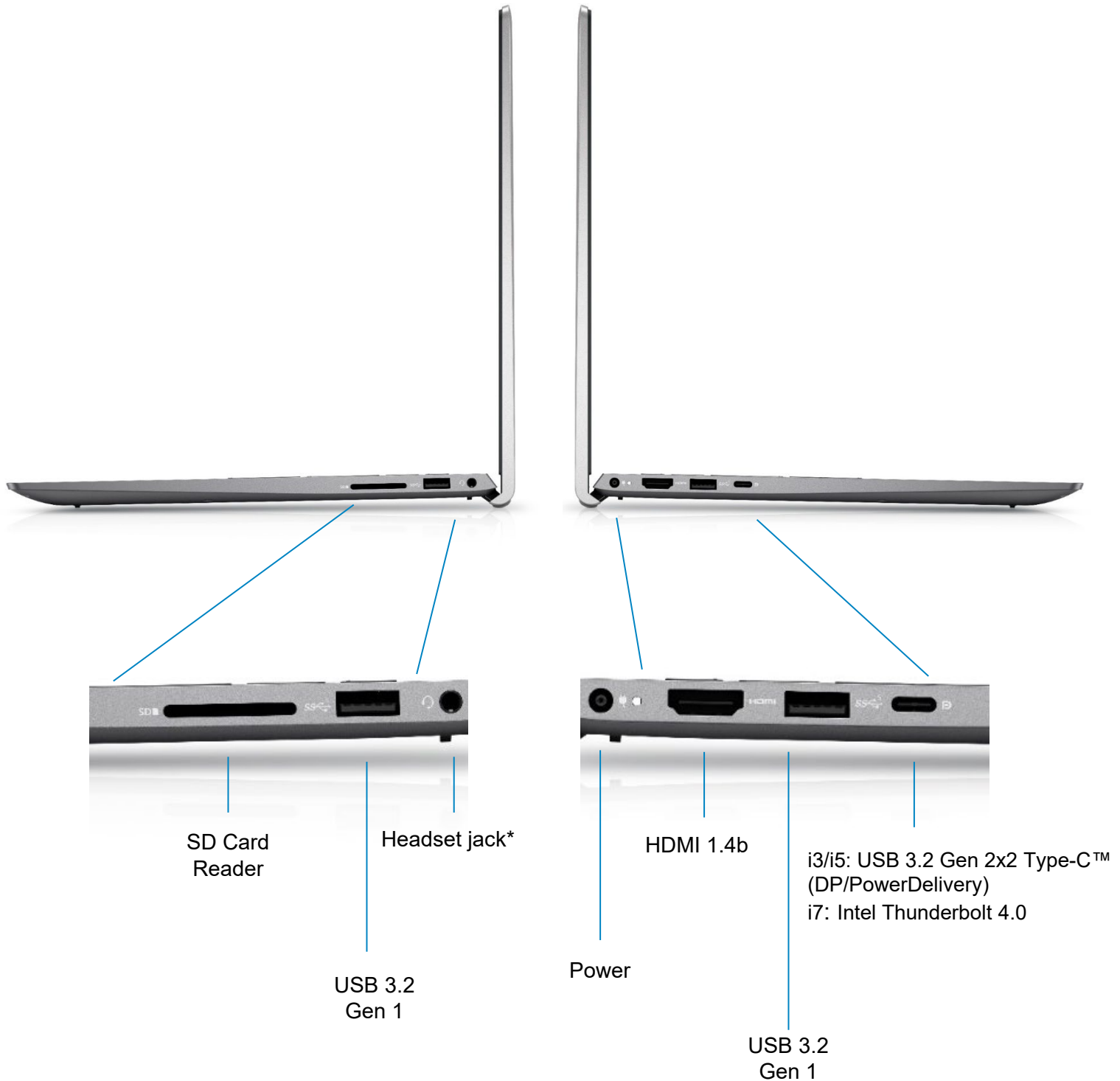




# Inspiron 15 (5510)

## Product Gallery – Side View

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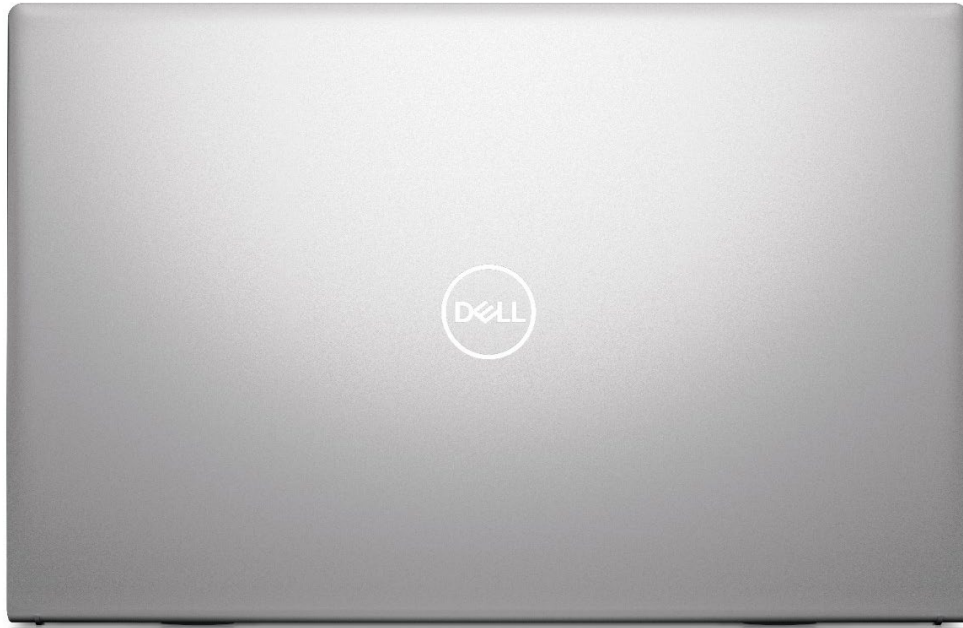


*\*3.5mm Headset jack functionality varies by model configuration. For best results, use Dell recommended audio accessories.*

# Inspiron 15 (5510)

## Product Gallery – Color Options/Rear View

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Platinum Silver

