Specifications of Inspiron 15 3511

Dimensions and weight

The following table lists the height, width, depth, and weight of your Inspiron 15 3511.

Table 3. Dimensions and weight

Description	Values
Height:	
Front height	17.50 mm (0.68 in.)
Rear height	18.90 mm (0.74 in.)
Width	358.50 mm (14.11 in.)
Depth	235.56 mm (9.27 in.)
Starting weight ⓘ **NOTE:** The weight of your computer depends on the configuration ordered and manufacturing variability.	1.73 kg (3.82 lb)

Processor

The following table lists the details of the processors that are supported by your Inspiron 15 3511 .

Table 4. Processor

Description	Option one	Option two	Option three	Option four	Option five	Option six	Option seven	Option eight
Processor type	Intel Celeron 6305	Intel Pentium 7505	10th Generation Intel Core i3-1005G1	10th Generation Intel Core i5-1035G1	11th Generation Intel Core i3-1115G4	11th Generation Intel Core i3-1125G4	11th Generation Intel Core i5-1135G7	11th Generation Intel Core i7-1165G7
Processor wattage	15 W	15 W	15 W	15 W	15 W	15 W	15 W	15 W
Processor core count	2	2	2	4	2	4	4	4
Processor thread count	2	4	4	8	4	8	8	8
Processor speed	Up to 1.8 GHz	2.00 GHz to 3.5 GHz	1.20 GHz to 3.40 GHz	1.00 GHz to 3.60 GHz	3.00 GHz to 4.10 GHz	2.00 GHz to 3.70 GHz	2.40 GHz to 4.20 GHz	2.80 GHz to 4.70 GHz
Processor cache	4 MB	4 MB	4 MB	6 MB	6 MB	8 MB	8 MB	12 MB

Table 4. Processor (continued)

Descriptio n	Option one	Option two	Option three	Option four	Option five	Option six	Option seven	Option eight
Integrated graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics

Chipset

The following table lists the details of the chipset supported by your Inspiron 15 3511

Table 5. Chipset

Description	Option one	Option two
Processors	● Intel Core i3 / i5 / i7 ● Intel Celeron / Pentium	Intel Core i3 / i5
Chipset	Intel Tiger Lake (Integrated in the processor)	Intel Ice Lake (Integrated in the processor)
DRAM bus width	64-bit	64-bit
Flash EPROM	16 MB + 8 MB	16 MB + 8 MB
PCIe bus	Up to Gen 3	Up to Gen 3

Operating system

Your Inspiron 15 3511 supports the following operating systems:

● Windows 10 Home in S-mode, 64-bit
● Windows 10 Home, 64-bit
● Windows 10 Pro, 64-bit
● Windows 10 Pro-Academic, 64-bit
● Ubuntu 20.04

Memory

The following table lists the memory specifications of your Inspiron 15 3511.

Table 6. Memory specifications

Description	Values
Memory slots	Two SODIMM slots
Memory type	DDR4
Memory speed	● 2666 MHz (With Integrated Graphics) ● 3200 Mhz (With Discrete Graphics)
Maximum memory configuration	16 GB
Minimum memory configuration	4 GB
Memory size per slot	4 GB, 8 GB, 16 GB

Table 6. Memory specifications (continued)

Description	Values
Memory configurations supported	4 GB, 1 x 4 GB, DDR4, 2666 MHz/3200 MHz 8 GB, 1 x 8 GB, DDR4, 2666 MHz/3200 MHz 8 GB, 2 x 4 GB, DDR4, 2666 MHz/3200 MHz 12 GB, 1 x 4 GB + 1 x 8 GB, DDR4, 2666 MHz/3200 MHz 16 GB, 2 x 8 GB, DDR4, 2666 MHz/3200 MHz 16 GB, 1 x 16 GB, DDR4, 2666 MHz/3200 MHz

External ports

The following table lists the external ports of your Inspiron 15 3511.

Table 7. External ports

Description	Values
Network port	Not supported
USB ports	- Two USB 3.2 Gen 1 ports (on systems configured with integrated graphics) - One USB 3.2 Gen 1 port (on systems configured with discrete graphics) - One USB 3.2 Gen 1 Type-C port (on systems configured with discrete graphics) - One USB 2.0 port
Audio port	One Headset jack
Video port	One HDMI 1.4 port ⓘ **NOTE:** HDMI output supports up to 1920x1080 @ 60Hz. No 4K/2K output supported.
Media-card reader	One SD-card slot
Power-adapter port	4.5 mm barrel-type
Security-cable slot	One wedge-shaped lock slot

Internal slots

The following table lists the internal slots of your Inspiron 15 3511.

Table 8. Internal slots

Description	Values
M.2	- One M.2 2230 slot for Wi-Fi and Bluetooth card - One M.2 2230/2280 slot for solid-state drive/Intel Optane ⓘ **NOTE:** To learn more about the features of different types of M.2 cards, see the knowledge base article 000144170 at www.dell.com/support.

Wireless module

The following table lists the Wireless Local Area Network (WLAN) module specifications of your Inspiron 15 3511.

Table 9. Wireless module specifications

Description	Option one	Option two	Option Three	Option Four
Model number	Intel 9462	Qualcomm QCNFA435 (DW1810)	Realtek RTL8821CE	Intel AX201
Transfer rate	Up to 433 Mbps	Up to 433 Mbps	Up to 433 Mbps	Up to 2400 Mbps
Frequency bands supported	2.4 GHz/5 GHz	2.4 GHz/5 GHz	2.4 GHz	2.4 GHz/5 GHz
Wireless standards	- WiFi 802.11a/b/g - Wi-Fi 4 (Wi-Fi 802.11n) - Wi-Fi 5 (Wi-Fi 802.11ac)	- WiFi 802.11a/b/g - Wi-Fi 4 (Wi-Fi 802.11n) - Wi-Fi 5 (Wi-Fi 802.11ac)	- Wi-Fi 802.11 b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (Wi-Fi 802.11ac)	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac) - Wi-Fi 6 (WiFi 802.11ax)
Encryption	64-bit/128-bit WEP - AES-CCMP - TKIP	64-bit/128-bit WEP - AES-CCMP - TKIP	64-bit/128-bit WEP - AES-CCMP - TKIP	64-bit/128-bit WEP - AES-CCMP - TKIP
Bluetooth	Bluetooth 5.0	Bluetooth 4.1	Bluetooth 5.0	Bluetooth 5.1

Audio

Table 10. Audio specifications

Description	Values	
Controller	Realtek ALC3204	Cirrus CS8409 (CS42L42 + TI SN005825)
Stereo conversion	Supported	Supported
Internal interface	High definition audio	HDA bridge + CS42L42 audio codec
External interface	One Headset jack	Headset jack (i) **NOTE:** *3.5mm headset jack functionality varies by model configuration. For best results, use Dell recommended audio accessories*
Speakers	Two	Two
Internal-speaker amplifier	Supported	Supported
External volume controls	Keyboard shortcut controls	Keyboard shortcut controls
Speaker Output Average	2 W	2 W
Speaker Output Peak	2.5 W	2.5 W

Table 10. Audio specifications (continued)

Description	Values	
Subwoofer output	Not supported	Not supported
Microphone	Single digital microphone	Single digital microphone

Storage

This section lists the storage options on your Inspiron 15 3511.

Your computer supports one of the following configurations:
- One 2.5-inch SATA hard drive
- One M.2 2230/2280 for solid-state drive
- One 2.5-inch hard-drive and one M.2 2230/2280 solid-state drive/Intel Optane H20

The primary drive of your computer varies with the storage configuration. For computers:
- with a 2.5-inch hard-drive, the 2.5-inch hard-drive is the primary drive
- with a M.2 2230/2280 drive, the M.2 2230/2280 drive is the primary drive
- with a 2.5-inch hard-drive and one M.2 2230/2280 solid-state drive/Intel Optane H10, the M.2 2230/2280 solid-state drive/ Intel Optane H10 is the primary drive

Table 11. Storage specifications

Storage type	Interface type	Capacity
2.5-inch 5400 rpm, hard drive	SATA	upto 2 TB
M.2 2230 solid-state drive	PCIe NVMe 3x4	upto 1 TB
M.2 2280 solid-state drive	PCIe NVMe 3x4	upto 2 TB
M.2 2280 Intel Optane Memory H20 series	PCIe NVMe 3x4	32 GB with 512 GB SSD

Media-card reader

The following table lists the media cards supported by your Inspiron 15 3511.

Table 12. Media-card reader specifications

Description	Values
Media-card type	One SD 3.0 card
Media-cards supported	- 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 installed in your computer.	

Keyboard

The following table lists the keyboard specifications of your Inspiron 15 3511.

Table 13. Keyboard specifications

Description	Values
Keyboard type	- Standard keyboard - White backlight keyboard
Keyboard layout	QWERTY
Number of keys	- 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, press Shift and the desired key. To perform secondary functions, press Fn and the desired key. (i) **NOTE:** You can define the primary behavior of the function keys (F1–F12) changing **Function Key Behavior** in BIOS setup program.

Camera

The following table lists the camera specifications of your Inspiron 15 3511.

Table 14. Camera specifications

Description		Values
Number of cameras		One
Camera type		RGB HD camera
Camera location		Front
Camera sensor type		CMOS sensor technology
Camera resolution:		
	Still image	0.92 megapixel
	Video	1280 x 720 (HD @ 30 fps)
Diagonal viewing angle:		78.6 degrees

Touchpad

The following table lists the touchpad specifications of your Inspiron 15 3511.

Table 15. Touchpad specifications

Description		Values
Touchpad resolution:		
	Horizontal	> 300 DPI
	Vertical	> 300 DPI
Touchpad dimensions:		
	Horizontal	115 mm (4.52 in.)
	Vertical	80 mm (3.14 in.)
Touchpad gestures		For more information about touchpad gestures available on Windows 10, see the Microsoft knowledge base article 4027871 at support.microsoft.com.

Power adapter

The following table lists the power adapter specifications of your Inspiron 15 3511.

Table 16. Power adapter specifications

Description		Values
Type		65 W
Connector dimensions:		• External diameter: 4.50 mm • Internal diameter: 2.90 mm
Input voltage		100 VAC x 240 VAC
Input frequency		50 Hz x 60 Hz
Input current (maximum)		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 Inspiron 15 3511.

Table 17. Battery specifications

Description	Option one	Option two
Battery type	3-cell, 41 Wh, lithium-polymer	4-cell, 54 Wh, lithium-polymer
Battery voltage	11.25 VDC	15.0 VDC
Battery weight (maximum)	0.19 kg (0.41 lb)	0.24 kg (0.55 lbs)
Battery dimensions:		
	Height	206.4 mm (8.12 in.)	271.90 mm (10.70 in.)
	Width	82 mm (3.22 in.)	82 mm (3.22 in.)
	Depth	5.75 mm (0.22 in.)	5.75 mm (0.22 in.)
Temperature range:		
	Operating	0°C to 35°C (32°F to 95°F)	0°C to 35°C (32°F to 95°F)
	Storage	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°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) (i) **NOTE:** Control the charging time, duration, start and end time, and so on using the Dell Power Manager application. For more information on the Dell Power Manager see, *Me and My Dell* on www.dell.com.	4 hours (when the computer is off)	4 hours (when the computer is off)
Coin-cell battery	N/A	N/A

⚠ **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.**

(i) **NOTE:** Dell recommends that you charge the battery regularly for optimal power consumption. If your battery charge is completely depleted, connect the power adapter, turn on your computer, and then restart you computer to reduce the power consumption.

Display

The following table lists the display specifications of your Inspiron 15 3511.

Table 18. Display specifications

Description	Option one	Option two	Option three
Display type	High Definition (HD)	Full High Definition (FHD)	Full High Definition (FHD)
Display-panel technology	TN (Twisted Nematic)	WVA (wide view angle)	WVA (wide view angle)

Table 18. Display specifications (continued)

Description		Option one	Option two	Option three
Display-panel dimensions (active area):				
	Height	193.54 mm (7.62 in.)	193.54 mm (7.62 in.)	193.54 mm (7.62 in.)
	Width	344.23 mm (13.55 in.)	344.23 mm (13.55 in.)	344.23 mm (13.55 in.)
	Diagonal	394.90 mm (15.54 in.)	394.90 mm (15.54 in.)	394.90 mm (15.54 in.)
Display-panel native resolution		1366 x 768	1920 x 1080	1920 x 1080
Luminance (typical)		220 nits	220 nits	220 nits
Megapixels		1.05	2.07	2.07
Color gamut		NTSC 45% Typ.	NTSC 45% Typ.	NTSC 45% Typ.
Pixels Per Inch (PPI)		100	141	141
Contrast ratio (min.)		400:1	400:1	600:1
Response time (max.)		25 ms	35 ms	35 ms
Refresh rate		60 Hz	60 Hz	60 Hz
Horizontal view angle (min.)		40 +/- degrees	80 +/- degrees	80 +/- degrees
Vertical view angle (min.)		10(Top)/30(Bottom) degrees	80 +/- degrees	80 +/- degrees
Pixel pitch		0.252 mm	0.179 mm	0.179 mm
Power consumption (maximum)		4.2 W	4.2 W	4.6 W
Anti-glare vs glossy finish		Anti-glare	Anti-glare	Anti-glare
Touch options		No	No	Yes

Fingerprint reader

The following table lists the fingerprint-reader specifications of your Inspiron 15 3511.

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

ⓘ **NOTE:** The fingerprint reader is an optional offering.

Table 19. Fingerprint reader specifications

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

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Inspiron 15 3511.

Table 20. GPU—Integrated

Controller	Memory size	Processor
Intel UHD Graphics	Shared system memory	• Intel 10th Generation Core i3/i5 processors • Intel 11th Generation Core i3 processors • Intel 11th Generation Celeron processors • Intel 11th Generation Pentium processors
Intel Iris Xe Graphics	Shared system memory	• Intel 11th Generation Core i5 / i7 processors

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Inspiron 15 3511.

Table 21. GPU—Discrete

Controller	External display support	Memory size	Memory type
Nvidia GeForce MX350 Graphics	Not Supported	2 GB	GDDR5

Operating and storage environment

This table lists the operating and storage specifications of your Inspiron 15 3511.

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

Table 22. Computer environment

Description	Operating	Storage
Temperature range	0°C to 40°C (32°F to 104°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)	140 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 user environment.

† Measured using a 2 ms half-sine pulse when the hard drive is in use.