


Specifications of Inspiron 7415 2-in-1

Dimensions and weight

The following table lists the height, width, depth, and weight of your Inspiron 7415 2-in-1.

Table 2. Dimensions and weight

Description		Values
Height:		
	Front height	16.32 mm (0.64 in.)
	Rear height	17.93 mm (0.70 in.)
Width		321.50 mm (12.66 in.)
Depth		211.35 mm (8.32 in.)
Weight (maximum)		1.65 kg (3.63 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 Inspiron 7415 2-in-1.

Table 3. Processor

Description	Option one	Option two
Processor type	AMD Ryzen 7 5700U	AMD Ryzen 5 5500U
Processor wattage	15 W	15 W
Processor core count	8	12
Processor thread count	16	6
Processor speed	Up to 4.3 GHz	Up to 4 GHz
Processor cache	8 MB	8 MB
Integrated graphics	AMD Radeon Graphics	AMD Radeon Graphics

Chipset

The following table lists the details of the chipset supported by your Inspiron 7415 2-in-1.

Table 4. Chipset

Description	Values
Chipset	Integrated in the processor
Processor	AMD Ryzen 5/7
DRAM bus width	64-bit
Flash EPROM	16 MB
PCIe bus	Up to Gen4

Operating system

Your Inspiron 7415 2-in-1 supports the following operating systems:

- Windows 11 Home, 64-bit
- Windows 11 Home in S-mode, 64-bit
- Windows 11 Pro, 64-bit
- Windows 11 Pro National Academic, 64-bit
- Windows 10 Pro, 64-bit
- Windows 10 Home in S-mode, 64-bit

Memory

The following table lists the memory specifications of your Inspiron 7415 2-in-1.

Table 5. Memory specifications

Description	Values
Memory slots	Two-SODIMM slots
Memory type	DDR4
Memory speed	3200 MHz
Maximum memory configuration	16 GB
Minimum memory configuration	8 GB
Memory size per slot	8 GB, 12 GB, 16 GB
Memory configurations supported	<ul style="list-style-type: none">• 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• 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 on your Inspiron 7415 2-in-1.


Table 6. External ports

Description	Values
USB ports	<ul style="list-style-type: none">Two USB 3.2 Gen 1 portsOne USB 3.2 Gen 1 Type-C with Power Delivery/DisplayPort
Audio port	One global headset jack
Video port/ports	One HDMI 1.4b port
Media-card reader	One microSD-card slot
Power-adaptor port	Type-C adapter
Security-cable slot	Not supported

Internal slots

The following table lists the internal slots of your Inspiron 7415 2-in-1.

Table 7. Internal slots

Description	Values
M.2	<ul style="list-style-type: none">One M.2 2230 slot for WiFi and Bluetooth combo cardOne M.2 2230/2280 slot for solid-state drive <p> 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.</p>

Wireless module

The following table lists the Wireless Local Area Network (WLAN) module supported on your Inspiron 7415 2-in-1.

Table 8. Wireless module specifications

Description	Values
Model number	AX200
Transfer rate	Up to 2400 Mbps
Frequency bands supported	2.4 GHz/5 GHz
Wireless standards	<ul style="list-style-type: none">WiFi 802.11a/b/gWi-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 WEPAES-CCMP

Table 8. Wireless module specifications (continued)

Description	Values
	<ul style="list-style-type: none">• TKIP
Bluetooth	Bluetooth 5.1

Audio

The following table lists the audio specifications of your Inspiron 7415 2-in-1.

Table 9. Audio specifications

Description		Values
Audio controller		Realtek ALC3204
Stereo conversion		Supported
Internal audio interface		High-definition audio
External audio interface		Universal audio jack
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		Dual-array microphones

Storage

This section lists the storage options on your Inspiron 7415 2-in-1.

Your Inspiron 7415 2-in-1 supports one M.2 2230/2280 solid-state drive.


Table 10. Storage specifications

Storage type	Interface type	Capacity
One M.2 2230 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps	Up to 2 TB
One M.2 2280 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps	Up to 1 TB

Media-card reader

The following table lists the media cards supported by your Inspiron 7415 2-in-1.


Table 11. Media-card reader specifications

Description	Values
Media-card type	One microSD-card slot
Media-cards supported	<ul style="list-style-type: none">• microSecure Digital (microSD)• microSecure Digital High Capacity (microSDHC)• microSecure Digital Extended Capacity (microSDXC)
 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 7415 2-in-1.

Table 12. Keyboard specifications

Description	Values
Keyboard type	<ul style="list-style-type: none">• Standard non-backlit keyboard• Backlit keyboard
Keyboard layout	QWERTY
Number of keys	<ul style="list-style-type: none">• United States and Canada: 79 keys• United Kingdom: 80 keys• Japan: 83 keys
Keyboard size	X=19.05 mm key pitch Y=18.05 mm key pitch
Keyboard shortcuts	<p>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.</p> <p> NOTE: You can define the primary behavior of the function keys (F1–F12) changing Function Key Behavior in BIOS setup program.</p> <p>For more information, see Keyboard shortcuts.</p>

Camera

The following table lists the camera specifications of your Inspiron 7415 2-in-1.

Table 13. Camera specifications

Description	Values
Number of cameras	One

Table 13. Camera specifications (continued)

Description		Values
Camera type		HD RGB camera
Camera location		Front camera
Camera sensor type		CMOS sensor technology
Camera resolution:		
	Still image	0.92 megapixel
	Video	1280 x 720 (HD) at 30 fps
Diagonal viewing angle:		74.9 degrees

Touchpad

The following table lists the touchpad specifications of your Inspiron 7415 2-in-1.

Table 14. Touchpad specifications

Description		Values
Touchpad resolution:		
	Horizontal	1229
	Vertical	749
Touchpad dimensions:		
	Horizontal	115 mm (4.53 in.)
	Vertical	70 mm (2.76 in.)
Touchpad gestures		For more information about touchpad gestures available on Windows, see the Microsoft knowledge base article 4027871 at support.microsoft.com .


Power adapter

The following table lists the power adapter specifications of your Inspiron 7415 2-in-1.

Table 15. Power adapter specifications

Description		Values
Type		USB Type-C 65 W
Connector dimensions:		
	External diameter	Not applicable
	Internal diameter	Not applicable
Input voltage		100 VAC–240 VAC
Input frequency		50 Hz–60 Hz

Table 15. Power adapter specifications (continued)

Description		Values
Input current (maximum)		1.60 A/1.70 A
Output current (continuous)		3.25 A/3 A/3 A/3 A
Rated output voltage		20 VDC/15 VDC/9 VDC/5 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 7415 2-in-1.

Table 16. Battery specifications



Description		Option one	Option two
Battery type		41 Wh, 3-cell polymer	54 Wh, 4-cell polymer
Battery voltage		11.25 VDC	15 VDC
Battery weight (maximum)		0.18 kg (0.40 lb)	0.23 kg (0.51 lb)
Battery dimensions:			
	Height	5.75 mm (0.23 in.)	5.75 mm (0.23 in.)
	Width	206.40 mm (8.13 in.)	272 mm (10.71 in.)
	Depth	82 mm (3.23 in.)	82 mm (3.23 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)  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, <i>Me and My Dell</i> on www.dell.com .		4 hours (when the computer is off)	4 hours (when the computer is off)
Coin-cell battery		CR2032	CR2032

Table 16. Battery specifications (continued)

Description	Option one	Option two
 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.		

Display

The following table lists the display specifications of your Inspiron 7415 2-in-1.

Table 17. Display specifications

Description		Values
Display type		Full High Definition (FHD)
Display-panel technology		Wide Viewing Angle (WVA)
Display-panel dimensions (active area):		
	Height	174 mm (6.85 in.)
	Width	309.35 mm (12.18 in.)
	Diagonal	355.60 mm (14 in.)
Display-panel native resolution		1920 x 1080
Luminance (typical)		212.50 nits
Megapixels		2.073
Color gamut		NTSC (45% typical)
Pixels Per Inch (PPI)		157
Contrast ratio (min)		500:1
Response time (max)		35 ms
Refresh rate		60 Hz
Horizontal view angle		80 degrees
Vertical view angle		80 degrees
Pixel pitch		0.16 mm
Power consumption (maximum)		3.95 W
Anti-glare vs glossy finish		Glossy
Touch options		Yes

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Inspiron 7415 2-in-1.

Table 18. GPU—Integrated


Controller	Memory size	Processor
AMD Radeon graphics	Shared system memory	AMD Ryzen 5/AMD Ryzen 7

Operating and storage environment

This table lists the operating and storage specifications of your Inspiron 7415 2-in-1.

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

Table 19. 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	-15.2 m to 3048 m (-49.87 ft to 10000 ft)	-15.2 m to 10668 m (-49.87 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.