

Specifications of Inspiron 3585

Dimensions and weight

Table 2. Dimensions and weight

Description	Values
Height:	
Front	• 19.89 mm (0.78 in.—without optical drive) • 20.66 mm (0.81 in.—with optical drive)
Rear	• 20 mm (0.79 in.—without optical drive) • 22.70 mm (0.89 in.—with optical drive)
Width	380 mm (14.96 in.)
Depth	258 mm (10.16 in.)
Weight	• 2 kg (4.41 lb—without optical drive) • 2.28 kg (5.03 lb—with optical drive)
NOTE: The weight of your computer depends on the configuration ordered and the manufacturing variability.	

Processors

Table 3. Processors

Description	Values	
Processors	AMD Ryzen 3 2300U	AMD Ryzen 5 2500U
Wattage	15 W	15 W
Core count	4	4
Thread count	4	8
Speed	Up to 2.0 GHz, 3.4 GHz Boost	Up to 2.0 GHz, 3.6 GHz Boost
L2 Cache	2 MB	2 MB
L3 Cache	4 MB	4 MB
Integrated graphics	Supported	Supported

Chipset

Table 4. Chipset

Description	Values	
Processor	AMD Ryzen 3 2300U	AMD Ryzen 5 2500U
Chipset	Integrated in the processor	Integrated in the processor
DRAM bus width	x64	x64
Flash EPROM	16 MB	16 MB
PCIe bus	Up to Gen2	Up to Gen2
External bus frequency	Not supported	Not supported

Operating system

- Windows 10 Home (64-bit)
- Windows 10 Professional (64-bit)
- Ubuntu

Memory

Table 5. Memory specifications

Description	Values
Slots	Two SODIMM slots
Type	Dual-channel DDR4
Speed	Up to 2400 MHz
Maximum memory	16 GB
Minimum memory	4 GB
Memory size per slot	4 GB, 8 GB, and 16 GB
Configurations supported	• 4 GB DDR4 at 2400 MHz (1 x 4 GB) • 8 GB DDR4 (2 x 4 GB) • 8 GB DDR4 (1 x 8 GB) • 12 GB DDR4 (1 x 4 GB + 1 x 8 GB) • 16 GB DDR4 (2 x 8 GB) • 16 GB DDR4 (1 x 16 GB)

Ports and connectors

Table 6. Ports and connectors

External:	
Network	One RJ-45 port
USB	- Two USB 3.1 Gen 1 ports - One USB 2.0 port
Audio	One headset (headphone and microphone combo) port
Video	One HDMI 1.4 port
Media card reader	One SD-card slot
Docking port	Not supported
Power adapter port	4.5 mm
Security	Wedge-shaped lock slot
Internal:	
M.2	One M.2 2280 slot for solid-state drive
 NOTE: To learn more about the features of different types of M.2 cards, see the knowledge base article SLN301626.	

Communications

Ethernet

Table 7. Ethernet specifications

Description	Values
Model number	Ethernet controller integrated to the system board
Transfer rate	10/100 Mbps

Wireless module

Table 8. Wireless module specifications

Description	Values		
Model number	Qualcomm QCA9565 (DW1707)	Qualcomm QCA9377 (DW1810)	Qualcomm QCA61x4A (DW1820)
Transfer rate	Up to 150 Mbps	Up to 433 Mbps	Up to 867 Mbps

Description	Values		
Frequency bands supported	Dual band 2.4 GHz	Dual band 2.4 GHz/5 GHz	Dual band 2.4 GHz/5 GHz
Wireless standards	WiFi 802.11b/g/n	WiFi 802.11a/b/g/n/ac	WiFi 802.11a/b/g/n/ac
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
Bluetooth	Bluetooth 4.0	Bluetooth 4.2	Bluetooth 4.2

Audio

Table 9. Audio specifications

Description	Values
Controller	Realtek ALC3234
Stereo conversion	Supported
Internal interface	High-definition audio
External interface	Headset combo jack (stereo headphones/microphone-in)
Speakers	Two
Internal speaker amplifier	Supported (audio codec integrated)
External volume controls	Supported
Speaker output:	
Average	2 W
Peak	2.5 W
Subwoofer output	Not supported
Microphone	Supported

Storage

Table 10. Storage specifications

Storage type	Interface type	Capacity
Hard drive	One 2.5-inch hard drive, SATA 3	500 GB (5400 RPM/7200 RPM) 1 TB (5400 RPM/7200 RPM) 2 TB (5400 RPM)
Solid-state drive	One M.2 2280 solid-state drive, Class 40	Up to 256 GB

Storage type	Interface type	Capacity
Optical drive (optional)	9.5 mm DVD-RW	

Media-card reader

Table 11. Media-card reader specifications

Description	Values
Type	One SD-card slot
Cards supported	Secure Digital (SD)

Keyboard

Table 12. Keyboard specifications

Description	Values
Type	- Standard non-backlit keyboard - Backlit keyboard
Layout	QWERTY
Number of keys	- United States and Canada: 101 keys - United Kingdom: 102 keys - Japan: 105 keys
Size	X = 19.05 mm key pitch Y = 18.05 mm key pitch
Shortcut keys	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. NOTE: You can define the primary behavior of the function keys (F1–F12) by changing Function Key Behavior in BIOS setup program.



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[Keyboard shortcuts](#)

Camera

Table 13. Camera specifications

Description	Values
Number of cameras	One
Type	HD RGB camera

Description	Values
Location	Front (above the LCD screen)
Sensor type	CMOS sensor technology
Resolution:	
Still image	0.92 megapixel
Video	1280 x 720 (HD) at 30 fps
Diagonal viewing angle	78.6 degrees

Touchpad

Table 14. Touchpad specifications

Description	Values
Resolution:	
Horizontal	3215
Vertical	2429
Dimensions:	
Horizontal	105 mm (4.13 in.)
Vertical	80 mm (3.15 in.)

Touchpad gestures

For more information about touchpad gestures for Windows 10, see the Microsoft knowledge base article [4027871](https://support.microsoft.com/4027871) at support.microsoft.com.

Power adapter

Table 15. Power adapter specifications

Description	Values
Type	45 W
Diameter (connector)	4.5 mm
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.30 A
Output current (continuous)	2.31 A

Description	Values
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)

Battery

Table 16. Battery specifications

Description	Values
Type	3-cell “smart” lithium-ion (42 WHr)
Voltage	11.40 VDC
Weight (maximum)	0.2 kg (0.44 lb)
Dimensions:	
Height	5.90 mm (0.24 in.)
Width	175.37 mm (6.9 in.)
Depth	90.73 mm (3.57 in.)
Temperature range:	
Operating	0°C to 35°C (32°F to 95°F)
Storage	–40°C to 65°C (–40°F to 149°F)
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Charging time (approximate)	4 hours (when the computer is off)
	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 https://www.dell.com/
Life span (approximate)	300 discharge/charge cycles
Coin-cell battery	CR-2032
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.

Display

Table 17. Display specifications

Description	Values
Type	• 15.6-inch HD

Description	Values
	• 15.6-inch FHD (optional) • 15.6-inch HD touch (optional) • 15.6-inch FHD touch (optional)
Panel technology	Twisted nematic (TN)
Luminance (typical)	220 nits
Dimensions (active area):	
Height	344 mm (13.54 in.)
Width	194 mm (7.64 in.)
Diagonal	395 mm (15.55 in.)
Native resolution	• 1366 x 768 (HD) • 1920 x 1080 (FHD, optional) • 1366 x 768 (HD touch, optional) • 1920 x 1080 (FHD touch, optional)
Megapixels	1.0
Pixels Per Inch (PPI)	100
Contrast ratio (min)	400:1
Response time (max)	25 ms
Refresh rate	60 Hz
Horizontal view angle	• Left: 40 degrees • Right: 40 degrees
Vertical view angle	• Top: 10 degrees • Bottom: 30 degrees
Pixel pitch	0.252 mm
Power consumption (maximum)	3.7 W
Anti-glare vs glossy finish	• Glossy • Anti-glare (optional)
Touch options	Supported

Fingerprint reader (optional)

Table 18. Fingerprint reader specifications

Description	Values
Sensor technology	Capacitive
Sensor resolution	500 PPI
Sensor area	5.50 mm x 4.50 mm (0.22 in. x 0.17 in.)
Sensor pixel size	108 pixels x 88 pixels

Video

Table 19. Video specifications

Discrete graphics			
Controller	External display support	Memory size	Memory type
Not supported	Not supported	Not supported	Not supported

Table 20. Video specifications

Integrated graphics			
Controller	External display support	Memory size	Processor
Radeon RX Vega Graphics	One HDMI port	Shared system memory	- AMD Ryzen 3 2300U - AMD Ryzen 5 2500U

Computer environment

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

Table 21. Computer environment

	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 (maximum)	0 m to 3,048 m (0 ft to 10,000 ft)	0 m to 10,668 m (0 ft to 35,000 ft)

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