

Dell Latitude 5580

Owner's Manual



Technical specifications

NOTE: Offerings may vary by region. For more information regarding the configuration of your computer in:

- Windows 10, click or tap **Start**  > **Settings** > **System** > **About**.

Topics:

- System specifications
- Processor specifications
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System specifications

Feature	Specification
Chipset	Intel 7th Generation processors Intel 6th Generation processors
DRAM bus width	64-bit
Flash EPROM	SPI 128 Mbits
PCIe bus	100 MHz
External Bus Frequency	PCIe Gen3 (8 GT/s)

Processor specifications

Feature	Specification
Types	• Intel Core i3 series, i5 series, i7 series (Dual core) • Intel Core i5 series, i7 series (Quad core) •
L3 cache	
i3 U-series	• 3 MB
i5 U-series	• 3 MB
i5 H-series	• 6 MB
i7 U-series	• 4 MB
i7 H-series	• non vPro — 6 MB • vPro — 8 MB

Memory specifications

Feature	Specification
Memory connector	Two SODIMM slots
Memory capacity	4 GB, 8 GB, and 16 GB
Memory type	DDR4 SDRAM
Speed	• 2133 MHz • 2400 MHz  NOTE: 2133 MHz supports only in Intel Dual Core.
Minimum memory	4 GB
Maximum memory	32 GB

Storage specifications

Feature	Specification
SSD M.2 SATA / PCIe	Up to 512 GB
HDD	Up to 1 TB

Audio specifications

Feature	Specification
Types	High-definition audio
Controller	Realtek ALC3246
Stereo conversion	Digital audio-out through HDMI — up to 7.1 compressed and uncompressed audio
Internal interface	High-definition audio codec
External interface	Stereo headset/mic combo
Speakers	Two
Internal speaker amplifier	2 W (RMS) per channel
Volume controls	Hot keys

Video specifications

Feature	Specification
Type	Integrated on system board, hardware accelerated
Graphic cards	i3, i5, i7 Intel HD Graphics 620 (dual core) Intel HD Graphics 630 (quad core) NVIDIA GeForce 930MX 64 Bit(dual core) NVIDIA GeForce 940MX 64 Bit
Data bus	Integrated video
External display support	• 19-pin HDMI connector • 15-pin VGA connector • DisplayPort over Type-C connector

Camera specifications

 **NOTE:** Windows Hello face authentication enabled.

Feature	Specification
Camera resolution	0.92 megapixels
HD Panel Resolution	1366 x 768 pixels
FHD Panel Resolution	1280 x 720 pixels
HD Panel Video Resolution (maximum)	1280 x 720 pixels

Feature	Specification
FHD Panel Video Resolution (maximum)	1920 x 1080 pixels
Diagonal viewing angle	74°

Communication specifications

Features	Specification
Network adapter	10/100/1000 Mb/s Ethernet (RJ-45)
Wireless	- Internal wireless local area network (WLAN) - Wireless wide area network (WWAN) - optional - Wireless gigabit (WiGig) - optional

Port and connector specifications

Feature	Specification
Audio	Stereo headset / mic combo
Video	- One 19-pin HDMI connector 15 pin VGA connector
Network adapter	One RJ-45 connector
USB	Three USB 3.0 ports, with one PowerShare
Memory card reader	Up to SD4.0
Micro SIM (uSIM) card	One external (optional)
Docking port	Docking has one options: One DisplayPort over USB type C, optional Thunderbolt 3 cable docking port

 **NOTE:** DisplayPort over USB Type-C Thunderbolt 3 is available in systems with discrete graphics only.

Contactless smart card specifications

Feature	Specification
Supported Smart Cards/Technologies	BTO with USH

Display specifications

Feature	Specification
Type	• Non-touch HD anti-glare • Non-touch FHD anti-glare • Touch FHD anti-glare with OTP lite - The OTP Lite Embedded Touch provides better clarity than traditional LED displays. OTP Lite also reduces the number of display layers and improves multi touch functionality.
Height	360 mm (14.17 inches)
Width	224.3 mm (8.83 inches)
Diagonal	396.24 mm (15.6 inches)
Actual screen size	15.6 inches
Touch FHD anti-glare:	
Maximum resolution	1920 x 1080
Maximum brightness	220 nits
Refresh rate	60 Hz
Maximum viewing angles (horizontal)	+80/-80
Maximum viewing angles (vertical)	+80/-80
Pixel pitch	• 0.179 mm (0.007 inches)
HD anti-glare:	
Maximum resolution	1366 x 768
Maximum brightness	200 nits
Refresh rate	60 Hz
Maximum viewing angles (horizontal)	40/40
Maximum viewing angles (vertical)	+10/-30
Pixel pitch	• 0.252 mm (0.01 inches)

Keyboard specifications

Feature	Specification
Number of keys	• United States: 103 keys • United Kingdom: 104 keys • Japan: 107 keys • Brazil: 106 keys

Touchpad specifications

Feature	Specification
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Active Area:

X-axis	99.50 mm
Y-axis	53.00 mm

Battery specifications

Feature	Specification
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Type	42 Whr
	51Whr
	68Whr
	92Whr

42 Whr :

Depth	181 mm (7.126 inches)
Height	7.05 mm (0.28 inch)
Width	95.9 mm (3.78 inches)
Weight	210 g (0.46 lb)
Voltage	11.4 V DC

51 Whr :

Depth	181 mm (7.126 inches)
Height	7.05 mm (0.28 inch)
Width	95.9 mm (3.78 inches)
Weight	250 g (0.55 lb)
Voltage	11.4 V DC

68 Whr :

Depth	233.00 mm (9.17 inches)
Height	7.5 mm (0.28 inch)
Width	95.90 mm (3.78 inches)
Weight	340 g (0.74 lb)
Voltage	7.6 V DC

92Whr :

Depth	332.00 mm (13.07 inches)
Height	7.7 mm (0.303 inches)
Width	96.0 mm (3.78 inches)
Weight	450.00 g (0.99 lb)

Feature	Specification
Voltage	11.4 V DC
Life span	300 discharge per charge cycles
Temperature range	
Operating	• Charge: 0°C to 50°C (32°F to 158°F) • Discharge: 0°C to 70°C (32°F to 122°F) • Operating: 0°C to 35°C (32°F to 95°F)
Non-operating	- 20°C to 65°C (- 4°F to 149°F)
Coin cell battery	3 V CR2032 lithium coin cell

AC Adapter specifications

Feature	Specification
Type	65 W / 90 W
Input voltage	100 V AC to 240 V AC
Input current (maximum)	1.7 A / 2.5 A
Input frequency	50 Hz to 60 Hz
Output current	3.34 A / 4.62 A
Rated output voltage	19.5 +/- 1.0 V DC
Temperature range (Operating)	0°C to 40°C (32°F to 104°F)
Temperature range (Non-Operating)	-40°C to 70°C (-40°F to 158°F)

Physical specifications

Feature	Specification
Front height (non-touch)	• 23.25 mm (0.91 inch) (dual core) • 24.3 mm (0.95 inch) (quad core)
Back height (non-touch)	• 23.25 mm (0.91 inch) (dual core) • 24.3 mm (0.95 inch) (quad core)
Width	• 376.0 mm (14.8 inches) (dual core) • 376.0 mm (14.8 inches) (quad core)
Depth	• 250.7 mm (9.9 inches) (dual core) • 250.65 mm (9.86 inches) (quad core)

Feature	Specification
Starting weight	• 4.19 lbs (1.90 kg) (dual core) • 4.26 lbs (1.93 kg) (quad core)

Environmental specifications

Temperature	Specifications
Operating	0°C to 35°C (32°F to 95°F)
Storage	−40°C to 65°C (−40°F to 149°F)

Relative humidity (maximum)	Specifications
Operating	10 % to 90 % (non condensing)
Storage	5 % to 95 % (non condensing)

Altitude (maximum)	Specifications
Operating	0 m to 3048 m (0 ft to 10,000 ft)
Non-operating	0 m to 10,668 m (0 ft to 35,000 ft)
Airborne contaminant level	G1 as defined by ISA-71.04–1985