



Specifications

Dimensions and weight

Height:	17 mm (0.66 in)
Width	357 mm (14.06 in)
Depth	235 mm (9.27 in)

Weight (minimum):

Touch	2 kg (4.41 lb)
Non-touch	1.78 kg (3.93 lb)

NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.

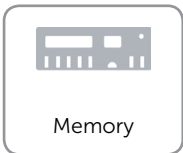
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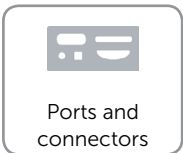
Dimensions and weight



System information



Memory



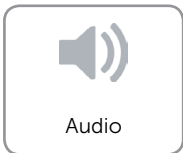
Ports and connectors



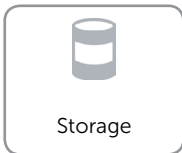
Communications



Video



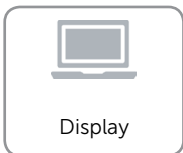
Audio



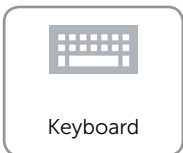
Storage



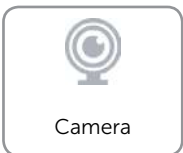
Media-card reader



Display



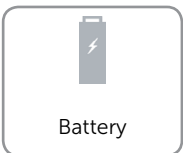
Keyboard



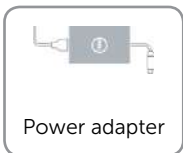
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

System information

Computer model	XPS 9550
Processor	<ul style="list-style-type: none">• 6th Generation Intel Core i3• 6th Generation Intel Quad Core i5• 6th Generation Intel Quad Core i7
Chipset	<ul style="list-style-type: none">• Mobile Intel HM170 Express Chipset• Intel CM236


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Specifications

Memory

Slots	Two SODIMM slots
Type	DDR4
Speed	2133 MHz
Configurations supported	8 GB, 16 GB, and 32 GB


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Computer environment



Specifications

Ports and connectors

External:

USB

- Two USB 3.0 ports with PowerShare
- One Thunderbolt 3 port with PowerShare (USB-C)

Audio/video

- One HDMI 1.4 port
- One headset port (headphone and microphone combo)

Internal:

M.2

One M.2 card slot for Wi-Fi and Bluetooth combo card


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Computer environment



Specifications

Communications

Wireless

- Wi-Fi 802.11ac
- Wi-Fi 802.11a/g/n
- Bluetooth 4.1
- Intel WiDi (optional)

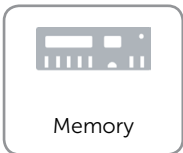
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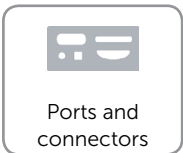
Dimensions and weight



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Memory



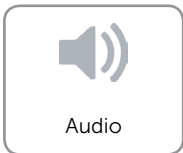
Ports and connectors



Communications



Video



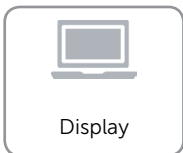
Audio



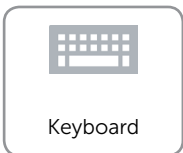
Storage



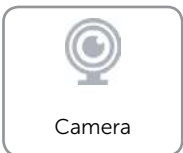
Media-card reader



Display



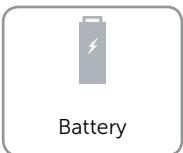
Keyboard



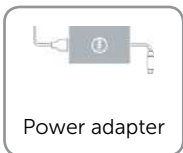
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Video

Controller:

Discrete NVIDIA GeForce GTX 960M

Integrated Intel HD Graphics 530

Memory:

Discrete Up to 2 GB GDDR5

Integrated Shared system memory


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Specifications

Audio

Controller	Realtek ALC3266 with Waves MaxxAudio Pro
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.5 W
Microphone	Dual array-microphones
Volume controls	Media-control shortcut keys and volume-control buttons


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Computer environment



Specifications

Storage

Interface	<ul style="list-style-type: none">• SATA 3 Gbps• SATA 6 Gbps• PCIE Gen 3
Hard drive	One 2.5-inch drive (supports Intel Smart Response Technology)
Solid state drives (optional)	One Solid State Drive (SSD) with Intel Smart Cache support

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Specifications

Media-card reader

Type	One 6-in-1 slot
Card supported	<ul style="list-style-type: none">• SD card• SD High-Capacity (SDHC) card• SD Input Output (SDIO) card• SD Extended Capacity (SDXC)• SD Extended Capacity (SDXC) card with Ultra High Speed (UHS)• Multimedia card (MMC) with Ultra High Speed (UHS)

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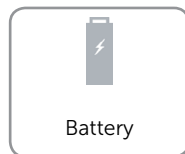
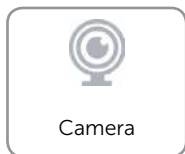
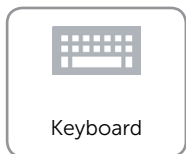
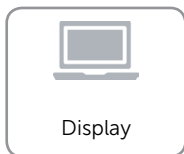
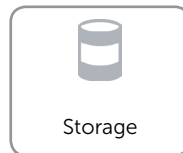
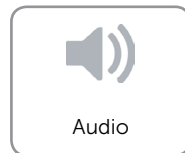
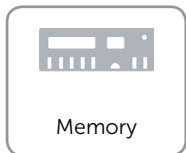
Computer environment



Specifications

Display

Type	<ul style="list-style-type: none">• 15.6-inch FHD• 15.6-inch UltraHD	
	FHD	UltraHD
Resolution (maximum)	1920 x 1080	3840 x 2160
Dimensions:		
Height	194.50 mm (7.66 in)	194.50 mm (7.66 in)
Width	345.60 mm (13.61 in)	345.60 mm (13.61 in)
Diagonal	396.52 mm (15.61 in)	396.52 mm (15.61 in)
Refresh rate	60 Hz	60 Hz
Operating angle	0 degree (closed) to 135 degrees	0 degree (closed) to 135 degrees
Pixel pitch	0.18 mm	0.09 mm
Controls	Brightness can be controlled using keyboard shortcuts keys.	





Specifications

Keyboard


Type Backlit keyboard

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 change the behavior of the shortcut keys by pressing Fn+Esc or by changing **Function Key Behavior** in BIOS setup program.

[List of shortcut keys.](#)


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Dimensions and weight



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Computer environment



Specifications

Camera

Resolution:

Still image 1280 x 720 megapixels

Video (maximum) 1280 x 720 (HD) at 30 fps

Diagonal viewing angle 74 degrees


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Specifications

Touch pad

Resolution:

Horizontal 1273 dpi


Vertical 1217 dpi

Dimensions:

Width 105 mm (4.13 in)

Height 80 mm (3.15 in)


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Specifications

Battery

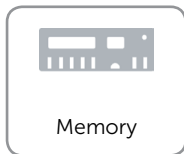
Type	3-cell (56 WHr)	6-cell (84 WHr)
Dimensions:		
Width	71.80 mm (2.83 in)	71.80 mm (2.83 in)
Length	223.20 mm (8.79 in)	330.50 mm (13.01 in)
Height	7.20 mm (0.28 in)	7.20 mm (0.28 in)
Weight (maximum)	0.54 lb (0.24 kg)	0.76 lb (0.34 kg)
Voltage	11.4 VDC	11.4 VDC
Charging time (approximate)	4 hours when the computer is off	
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions	
Life span (approximate)	300 discharge/charge cycles	300 discharge/charge cycles
Temperature range:		
Operating	0°C to 35°C (32°F to 95°F)	0°C to 35°C (32°F to 95°F)
Storage	-40°C to 65°C (-40°F to 149°F)	-40°C to 65°C (-40°F to 149°F)
Coin-cell battery	ML1220	
	NOTE: It is recommended that you use a Dell coin-cell battery for your computer. Dell does not provide warranty coverage for problems caused by using accessories, parts, or components not supplied by Dell.	
Battman capable	Yes	Yes



Dimensions and weight



System information



Memory



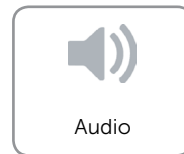
Ports and connectors



Communications



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Storage



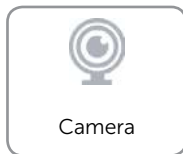
Media-card reader



Display



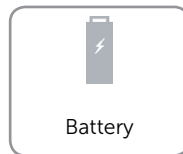
Keyboard



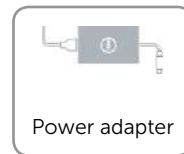
Camera



Touch pad



Battery



Power adapter



Computer environment

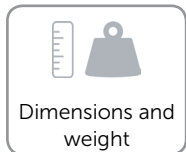


Specifications

Power adapter

Type	130 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum):	1.80 A
Output current (maximum):	6.67 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)

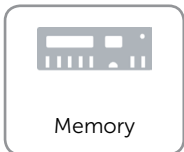
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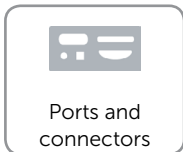
Dimensions and weight



System information



Memory



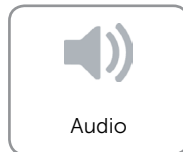
Ports and connectors



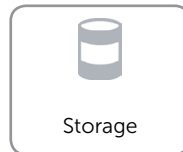
Communications



Video



Audio



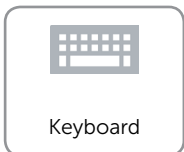
Storage



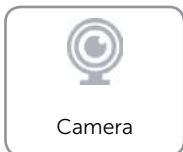
Media-card reader



Display



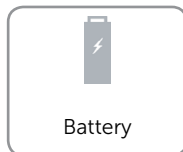
Keyboard



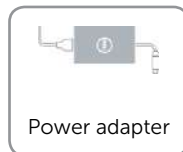
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Computer environment

Airborne contaminant level	G1 as defined by ISA-S71.04-1985	
	Operating	Storage
Temperature range	0°C to 40°C (32°F to 104°F)	-40°C to 70°C (-40°F to 158°F)
Relative humidity (maximum)	10% to 90% (non-condensing)	10% to 95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	110 G†	160 G‡
Altitude (maximum)	-15.2 m to 3048 m (-50 ft to 10,000 ft)	-15.2 m to 10,668 m (-50 ft to 35,000 ft)

* 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.

‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.

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