



Specifications

Dimensions and weight

Width	430 mm (16.93 in)
Depth	291.90 mm (11.49 in)
Height	34.40 mm (1.35 in)
Weight (maximum)	3.78 kg (8.33 lb)
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.	

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reader



Display



Keyboard



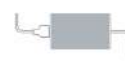
Camera



Touch pad



Battery



Power adapter



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Specifications

System information

Computer model	Alienware 17 R3
Processor	6 th Generation Intel Core i7
L3 cache	up to 8 MB

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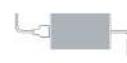
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Specifications

Memory

Slot	Two SODIMM slots
Type	DDR4
Speed	2133 MHz
Configurations supported	8 GB, 12 GB, and 16 GB

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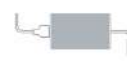
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Specifications

Ports and connectors

External:

Network	One RJ45 port
USB	<ul style="list-style-type: none">• One USB 3.0 port with PowerShare• Two USB 3.0 ports• One Thunderbolt 3 (USB Type-C) port
Audio/video	<ul style="list-style-type: none">• One HDMI port• One headset (headphone and microphone combo) port• One microphone/headphone retaskable port• One external graphics port

Internal:

M.2 card	One M.2 slot for Wi-Fi and Bluetooth combo and Wireless Display (optional)
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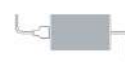
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Specifications

Communications

Ethernet	10/100/1000 Mbps Ethernet controller integrated on system board
Wireless	<ul style="list-style-type: none">• Wi-Fi 802.11a/b/g/n/ac• Bluetooth 4.1• Wireless display (WiDi) - optional• Miracast (Windows 8.1 and Windows 10)

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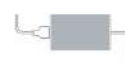
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Specifications

Video

Controller	Intel HD Graphics 530
Memory	Shared system memory
Discrete:	
Controller	<ul style="list-style-type: none">NVIDIA GeForce GTX 970MNVIDIA GeForce GTX 980M
Memory	up to 4 GB GDDR5

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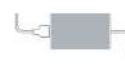
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Specifications

Audio

Controller	Creative Sound Core 3D with SBX Pro Studio
Speakers	Two
Speaker output:	
Average	2 W
Peak	3 W
Subwoofer	One
Subwoofer output:	
Average	2 W
Peak	2.5 W
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys

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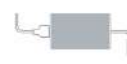
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Specifications

Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive
Solid-state drive	Two M.2 PCIe/SATA drives

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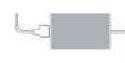
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Specifications

Media-card reader

Type	One 3-in-1 slot
Cards supported	<ul style="list-style-type: none">• SD card• SD High-Capacity (SDHC) card• SD Extended Capacity (SDXC) card

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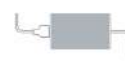
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Specifications

Display

Type	<ul style="list-style-type: none">17.3-inch Full HD17.3-inch UHD	
Resolution (maximum)	Full HD	UHD
	1920 x 1080	3840 x 2160
Pixel pitch	0.1989 mm x 0.1989 mm	0.0995 mm x 0.0995 mm
Dimensions:		
Height	245.50 mm (9.67 in)	
Width	400 mm (15.75 in)	
Diagonal	439.42 mm (17.30 in)	
Refresh rate	60 Hz	
Operating angle	0 degrees (closed) to 140 degrees	
Controls	Brightness can be controlled using shortcut keys.	



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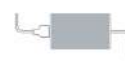
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Specifications

Keyboard

Type	Backlit keyboard
Shortcut keys	<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 shortcut keys by changing Function Key Behavior in BIOS setup program.</p>

[List of shortcut keys.](#)

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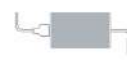
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Specifications

Camera

Resolution:

Still image	2.07 megapixel
Video	1920 x 1080 (Full HD) at 30 fps (maximum)
Diagonal viewing angle	74 degrees

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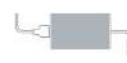
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Specifications

Touch pad

Resolution:

Horizontal	1727 dpi
Vertical	1092 dpi

Dimensions:

Width	100 mm (3.94 in)
Height	56 mm (2.20 in)

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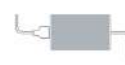
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**Computer
environment**



Specifications

Battery

Type	8 cell lithium-ion 92 WHr
Dimensions:	
Width	383.20 mm (15.09 in)
Depth	79.05 mm (3.11 in)
Height	19.80 mm (0.78 in)
Weight (maximum)	0.516 kg (1.14 lb)
Voltage	14.8 VDC
Charging time when the computer is off (approximate)	Within 4 hours
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Life span (approximate)	300 discharge/charge cycles
Temperature range:	
Operating	0°C to 35°C (32°F to 95°F)
Storage	−40°C to 65°C (−40°F to 149°F)
Coin-cell battery	CR-2032



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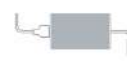
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Specifications

Power adapter

Type	<ul style="list-style-type: none">▪ 180 W▪ 240 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	<ul style="list-style-type: none">▪ 2.34 A▪ 2.50 A▪ 3.50 A
Output current	<ul style="list-style-type: none">▪ 9.23 A▪ 12.30 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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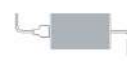
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Specifications

Computer environment

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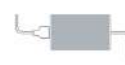
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