



# Specifications

## Dimensions and weight

Height	34 mm (1.34 in)
Width	385.80 mm (15.19 in)
Depth	270.20 mm (10.64 in)
Weight (maximum)	3.21 kg (7.08 lb)
<b>NOTE:</b> 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	Alienware 15 R2
Processor	<ul style="list-style-type: none"><li>• 6<sup>th</sup> Generation Intel Core i5</li><li>• 6<sup>th</sup> Generation Intel Core i7</li></ul>
Chipset	Intel HM170 Series Chipset

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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

## Memory

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

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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

## Ports and connectors

### External:

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

### Internal:

M.2 card	One M.2-card slot for Wi-Fi, Bluetooth, and Intel WiDi (optional)
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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

## Communications

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

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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

## Video

	Controller	Memory
Integrated	Intel HD Graphics 530	Shared system memory
Discrete	<ul style="list-style-type: none"><li>▪ NVIDIA GeForce GTX 965M</li><li>▪ NVIDIA GeForce GTX 970M</li><li>▪ NVIDIA GeForce GTX 980M</li><li>▪ AMD Radeon R9 M395X</li></ul>	<ul style="list-style-type: none"><li>▪ 2 GB GDDR5</li><li>▪ 3 GB GDDR5</li><li>▪ 4 GB GDDR5</li><li>▪ 4 GB GDDR5</li></ul>

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Dimensions and  
weight



System  
information



Memory



Ports and  
connectors



Communications



Video



Audio



Storage



Media-card  
reader



Display



Keyboard



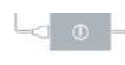
Camera



Touch pad



Battery



Power adapter



Computer  
environment



# Specifications

## Audio

Controller	Creative Sound Core3D-EX with Creative Sound Blaster X-Fi MB3
Speaker	Two Klipsch powered stereo speaker system
Speaker output:	
Average	1.5 W
Peak	2 W
Microphone	Digital array microphones
Volume controls	Media-control shortcut keys

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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

## Storage

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

LaptopVANG.com



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

## Media-card reader

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

LaptopVANG.com



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

## Display

	Full HD	Ultra HD
Type	15.6-inch	15.6-inch
Resolution (maximum)	1920 x 1080	3840 x 2160
Dimensions:		
Height	224.30 mm (8.83 in)	219.31 mm (8.63 in)
Width	360 mm (14.17 in)	358.62 mm (14.12 in)
Diagonal	396.24 mm (15.60 in)	396.24 mm (15.60 in)
Pixel pitch	0.179 x 0.179 mm	0.090 x 0.090 mm
Refresh rate	60 Hz	
Operating angle	0 degree (closed) to 140 degrees	
Controls	Brightness can be controlled using shortcut keys	

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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

## 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><b>NOTE:</b> You can define the primary behavior of the shortcut keys by changing <b>Function Key Behavior</b> in BIOS setup program.</p>

[List of shortcut keys.](#)

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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

## Camera

### Resolution:

Still image	2.1 megapixel
Video	1920 x 1080 (Full HD) at 30 fps (maximum)
Diagonal viewing angle	74 degrees

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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

## Touch pad

### Resolution:

Horizontal 1727 dpi

Vertical 1092 dpi

### Dimensions:

Height 56 mm (2.20 in)

Width 100 mm (3.94 in)

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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

## Battery

Type	8-cell Lithium-ion 92 WHr
Dimensions:	
Height	19.85 mm (0.78 in)
Width	333.85 mm (13.14 in)
Depth	79.10 mm (3.11 in)
Weight (maximum)	0.497 kg (1.10 lb)
Voltage	14.8 VDC
Charging time when the computer is off (approximate)	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



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

## Power adapter

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



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	
	<b>Operating</b>	<b>Storage</b>
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.

LaptopVANG.com



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