



Inspiron 15

7000 Series



[Views](#)

[Specifications](#)

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2015 - 06 Rev. A00

Regulatory model: P57F | Type: P57F001

Computer model: Inspiron 15-7557

NOTE: The images in this document may differ from your computer depending on the configuration you ordered.



Front



Left



Right

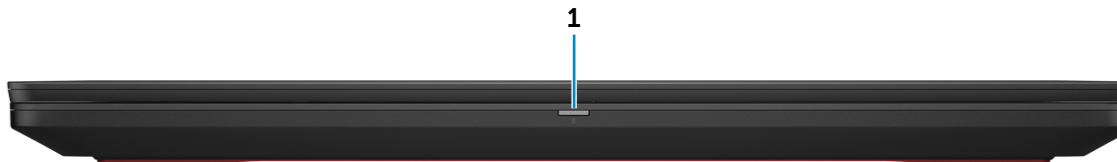


Base



Display

Front



1 Power and battery-status light

Indicates the power state and battery state of the computer.

Solid white—Power adapter is connected to the computer and the battery is being charged.

Solid yellow—Battery charge is low or critical.

Off—Power adapter is connected to the computer and battery is fully charged or power adapter is not connected to the computer and the battery has sufficient charge.



Front



Left



Right

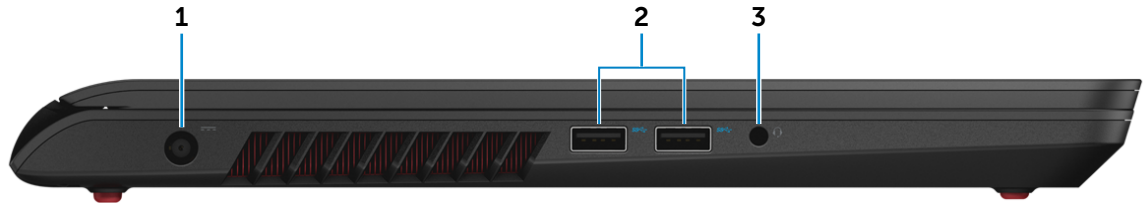


Base



Display

Left



1 Power-adapter port

Connect a power adapter to provide power to your computer and charge the battery.

2 USB 3.0 ports (2)

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 5 Gbps.

3 Headset port

Connect a headphone, a microphone, or a headphone and microphone combo (headset).



Front



Left



Right



Base



Display

Right



1 Media-card reader

Reads from and writes to media cards.

2 USB 3.0 port with PowerShare

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 5 Gbps.

PowerShare allows you to charge your USB devices even when your computer is turned off.

3 HDMI port

Connect a TV or another HDMI-in enabled device. Provides video and audio output.

4 Network port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or internet access.

5 Security-cable slot

Connect a security cable to prevent unauthorized movement of your computer.



Views

Base



Front



Left



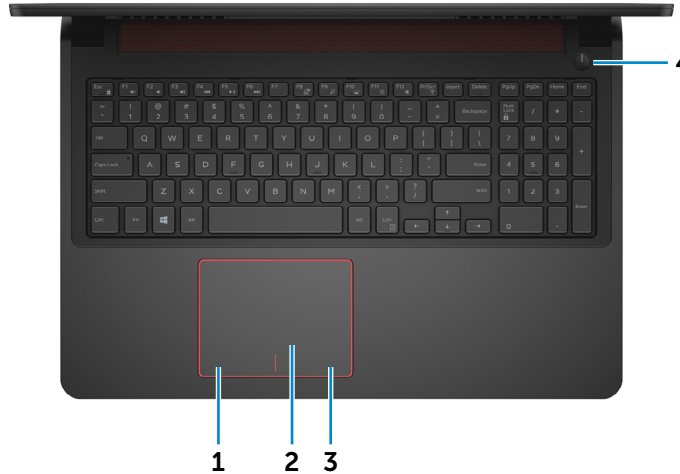
Right



Base



Display



1 Left-click area

Press to left-click.

2 Touch pad

Move your finger on the touch pad to move the mouse pointer. Tap to left-click and tap with two fingers to right-click.

3 Right-click area

Press to right-click.

4 Power button

Press to turn on the computer if it is turned off, in hibernation, or in sleep state.

Press to put the computer in sleep state if it is turned on.


Press and hold for 4 seconds to force shut-down the computer.

The power button light indicates the following:

Solid white—Computer is powered on

Breathing white—Computer is in stand by mode

Off—Computer is in hibernation or powered off

 **NOTE:** You can customize the power-button behavior in Power Options. For more information, see *Me and My Dell* at dell.com/support/manuals.



Front



Left



Right



Base



Display

Display



1 Left microphone

Provides high-quality digital sound input for audio recording, voice calls, and so on.

2 Camera-status light

Turns on when the camera is in use.

3 Camera

Allows you to video chat, capture photos, and record videos.

4 Right microphone

Provides high-quality digital sound input for audio recording, voice calls, and so on.

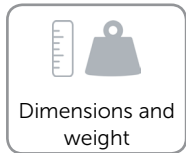


Specifications

Dimensions and weight

Height	25.30 mm (1 in)
Width	383 mm (15.08 in)
Depth	265 mm (10.43 in)
Weight (minimum)	2.61 kg (5.75 lb)

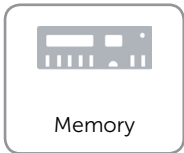
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.



Dimensions and weight



System information



Memory



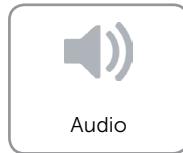
Ports and connectors



Communications



Video



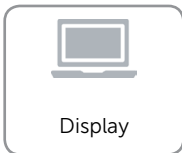
Audio



Storage



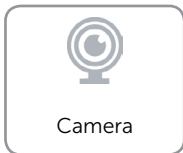
Media-card reader



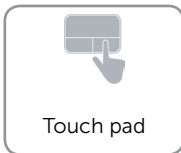
Display



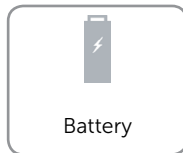
Keyboard



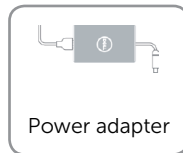
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

System information

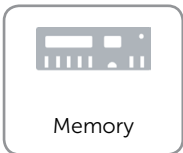
Computer model	Inspiron 15-7557
Processor	4 th Generation Intel Dual Core i5 4 th Generation Intel Quad Core i7
Chipset	Intel HM87 Express



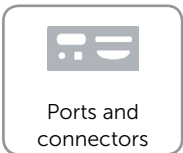
Dimensions and weight



System information



Memory



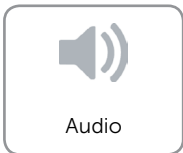
Ports and connectors



Communications



Video



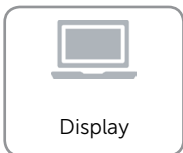
Audio



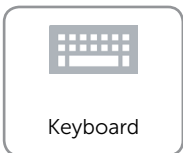
Storage



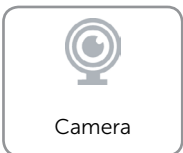
Media-card reader



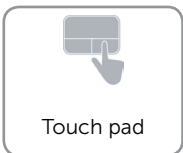
Display



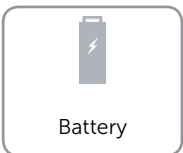
Keyboard



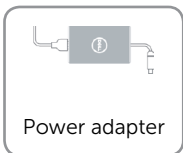
Camera



Touch pad



Battery



Power adapter



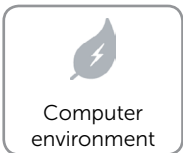
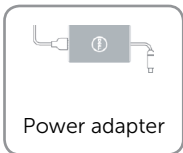
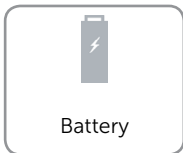
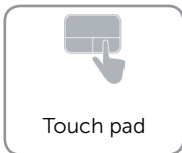
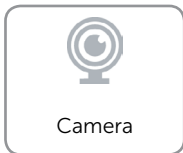
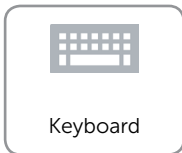
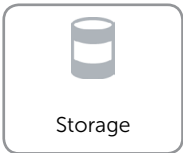
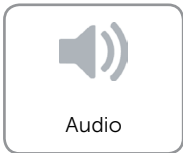
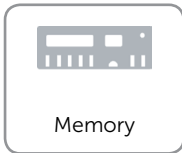
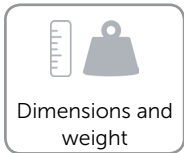
Computer environment



Specifications

Memory

Slot	Two SODIMM slots
Type	Dual-channel DDR3L
Speed	1600 MHz
Configurations supported	4 GB, 8 GB, 12 GB, and 16 GB





Specifications

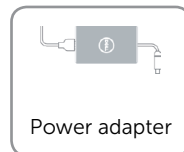
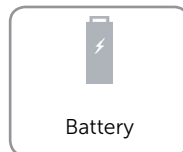
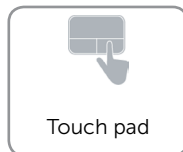
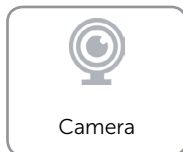
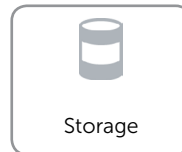
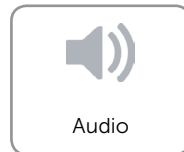
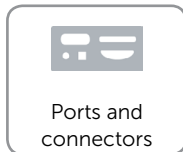
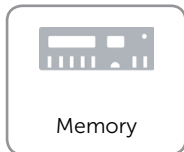
Ports and connectors

External:

- | | |
|-------------|--|
| Network | One RJ45 port |
| USB | <ul style="list-style-type: none">• Two USB 3.0 ports• One USB 3.0 port with PowerShare |
| Audio/video | <ul style="list-style-type: none">• One HDMI port• One headset port |

Internal:

- | | |
|-----------|---|
| Mini-card | <ul style="list-style-type: none">• One M.2 card slot for Wi-Fi card• One M.2 card slot for SSD card |
|-----------|---|

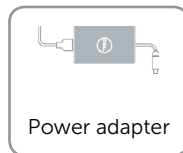
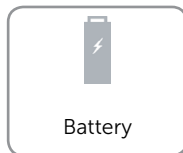
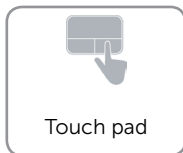
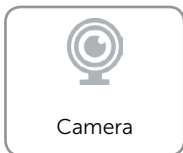
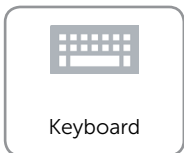
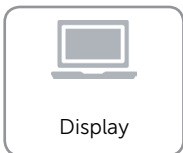
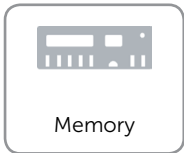
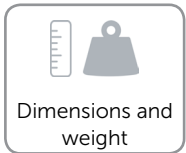




Specifications

Communications

Ethernet	10/100/1000 Mbps Ethernet controller integrated on system board
Wireless	<ul style="list-style-type: none">• Wi-Fi 802.11 ac• Bluetooth 4.0• WiDi





Specifications

Video

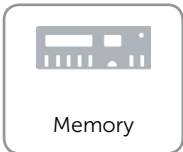
Controller:	
Integrated	Intel HD Graphics 4600
Discrete	NVIDIA GeForce GTX 960M
Memory:	
Integrated	Shared system memory
Discrete	4 GB GDDR5



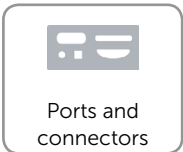
Dimensions and weight



System information



Memory



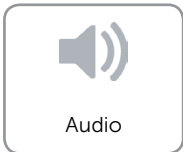
Ports and connectors



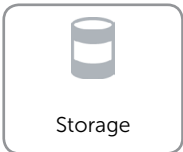
Communications



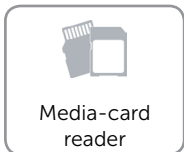
Video



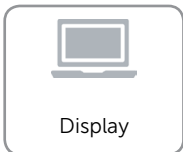
Audio



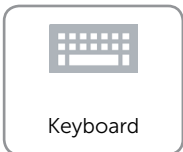
Storage



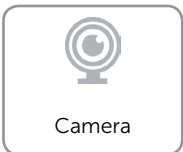
Media-card reader



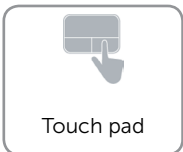
Display



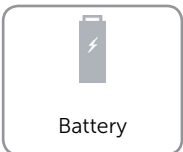
Keyboard



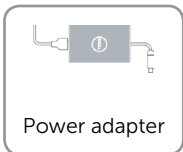
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Audio

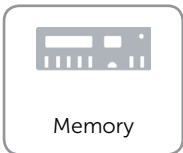
Controller	Realtek ALC3234 with Waves MaxxAudio
Speakers	Two
Subwoofer	One
Speaker output:	
Average	2 W
Peak	2.5 W
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys



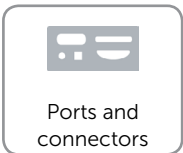
Dimensions and weight



System information



Memory



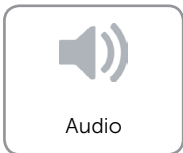
Ports and connectors



Communications



Video



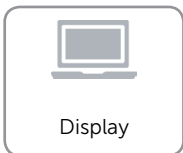
Audio



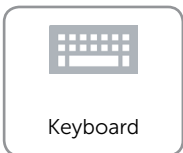
Storage



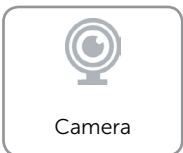
Media-card reader



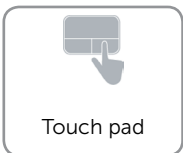
Display



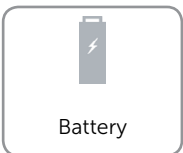
Keyboard



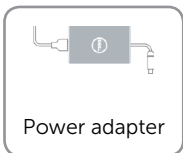
Camera



Touch pad



Battery



Power adapter



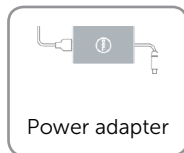
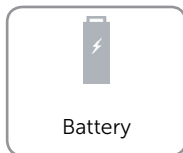
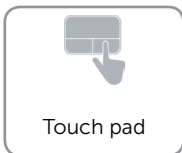
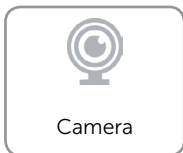
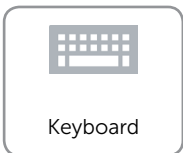
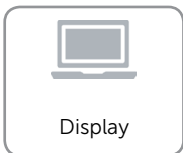
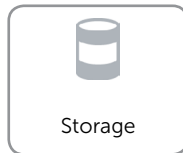
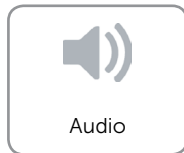
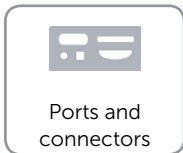
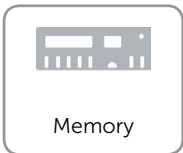
Computer environment



Specifications

Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive
Solid state drive	One M.2 drive

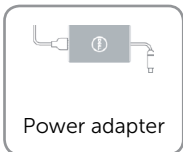
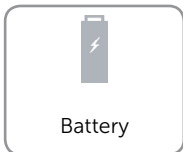
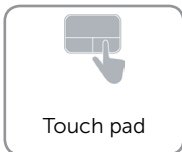
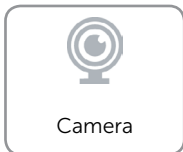
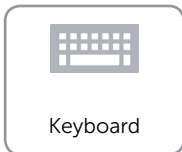
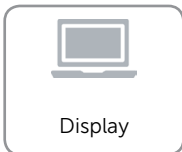
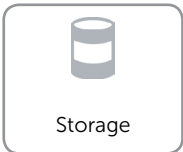
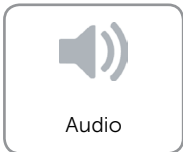
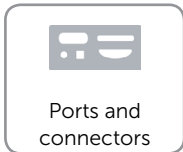
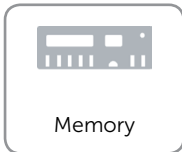




Specifications

Media-card reader

Type	One 2-in-1 slot
Cards supported	<ul style="list-style-type: none">• SD Card• MultiMedia Card (MMC)

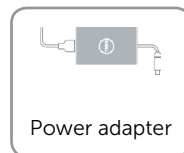
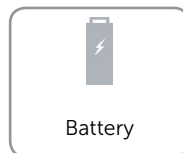
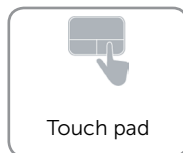
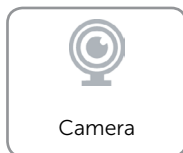
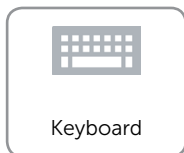
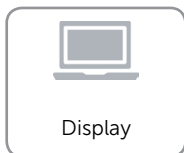
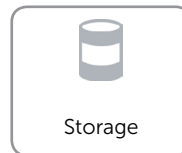
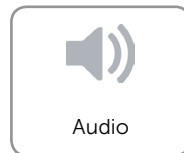
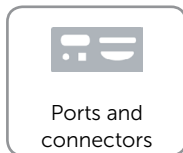
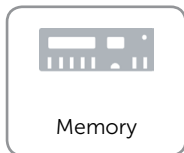
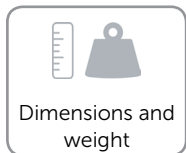




Specifications

Display

Type	<ul style="list-style-type: none">• 15.6-inch FHD non-touchscreen• 15.6-inch UHD touchscreen	
Dimensions:		
Height	193.75 mm (7.62 in)	
Width	344.45 mm (13.56 in)	
Diagonal	396.24 mm (15.60 in)	
Resolution (maximum)	FHD	UHD
	1920 x 1080	3840 x 2160
Refresh rate	60 Hz	
Operating angle	0 degrees (closed) to 135 degrees	
Pixel pitch	0.0897 mm	
Controls	Brightness can be controlled using shortcut keys.	





Specifications

Keyboard

Type

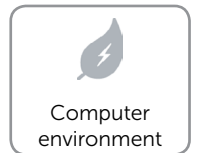
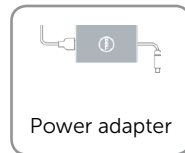
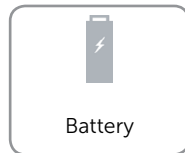
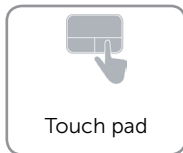
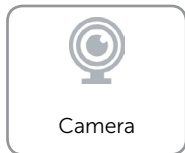
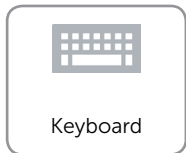
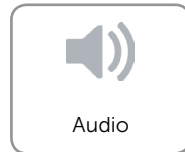
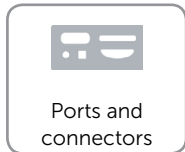
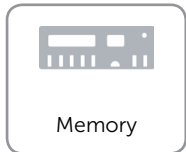
- Standard keyboard
- Backlit keyboard – optional

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 System Setup.

[List of shortcut keys.](#)





Shortcut keys

	Mute audio
	Decrease volume
	Increase volume
	Play previous track/chapter
	Play/Pause
	Play next track/chapter
	Switch to external display
	Search
	Toggle keyboard backlight
	Decrease brightness
	Increase brightness

	+		Turn off/on wireless
	+		Pause/Break
	+		Sleep
	+		Toggle Scroll lock
	+		Toggle Fn-key lock



Specifications

Camera

Resolution:

Still image 0.92 megapixel

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

Diagonal viewing angle 74 degrees



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	1207 dpi
Vertical	1260 dpi

Dimensions:

Width	105 mm (4.13 in)
Height	80 mm (3.14 in)



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Keyboard



Camera



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Power adapter



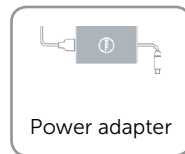
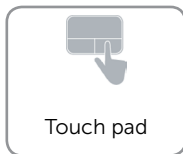
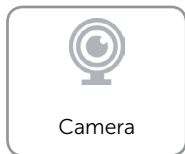
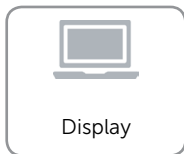
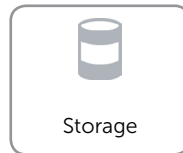
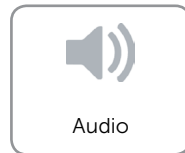
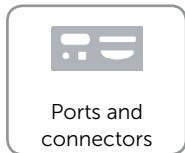
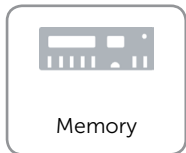
Computer environment



Specifications

Battery

Type	6-cell "smart" lithium ion (74 WHr)
Dimensions:	
Width	177.80 mm (7 in)
Depth	87.85 mm (3.46 in)
Height	11.30 mm (0.44 in)
Weight (maximum)	0.35 kg (0.77 lb)
Voltage	11.10 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





Specifications

Power adapter

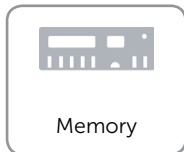
Type	130 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	2.50 A
Output current (maximum)	6.70 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0°C to 40°C (32°F to 104°F)
Storage	–40°C to 70°C (–40°F to 158°F)



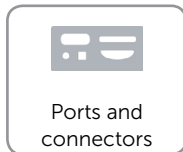
Dimensions and weight



System information



Memory



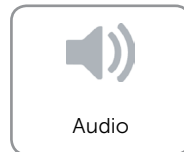
Ports and connectors



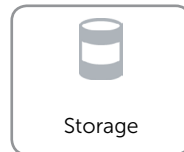
Communications



Video



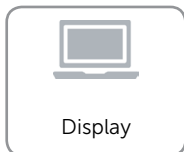
Audio



Storage



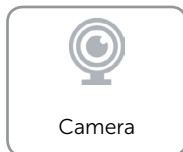
Media-card reader



Display



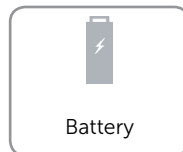
Keyboard



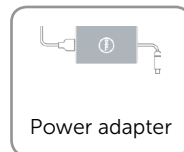
Camera



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 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.

