DELL XPS 13

Views

Specifications

2014 - 12   Rev. A00

Regulatory model: P54G | Type: P54G001

Computer model: XPS 9343

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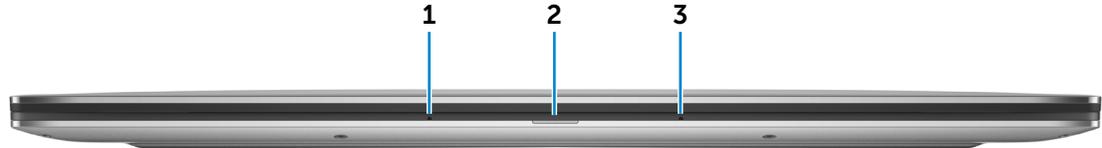
Views

Front

Front

Left

Right

Base

Display

1　**2**　**3**

1　**Left microphone**

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

2　**Battery-status light**

Indicates the battery status of the computer.

White　　Battery is getting charged.

Amber　　Battery is low or critical.

Off　　　Computer is plugged in and the battery is fully charged.

3　**Right microphone**

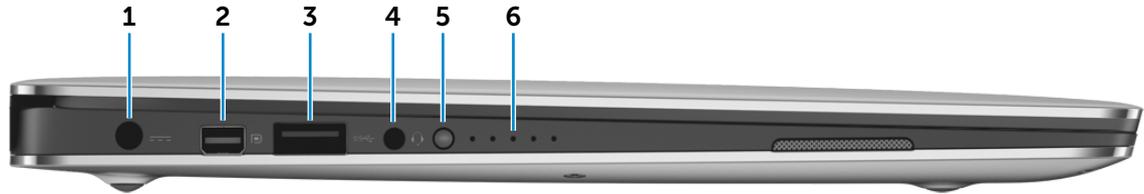Provide high-quality digital sound input for audio recording, voice calls, and so on.

Views

Front

Left

Right

Base

Display

Left

1 2 3 4 5 6

1 **Power-adapter port**

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

2 **Mini DisplayPort**

Connect an external display or a projector.

3 **USB 3.0 port**

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

4 **Headset port**

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

5 **Battery-charge status button**

Press to check the charge remaining in the battery.

6 **Battery-charge status lights (5)**

Turn on when the battery-charge status button is pressed. Each light indicates approximately 20% charge.

Front

Left

Right

Base

Display

Right

1   2   3

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.

📝 **NOTE:** If your computer is turned off or in Hibernate state, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in the BIOS setup program.

📝 **NOTE:** Certain USB devices may not charge when the computer is turned off or in the Sleep state. In such cases, turn on the computer to charge the device.

3   **Security-cable slot**

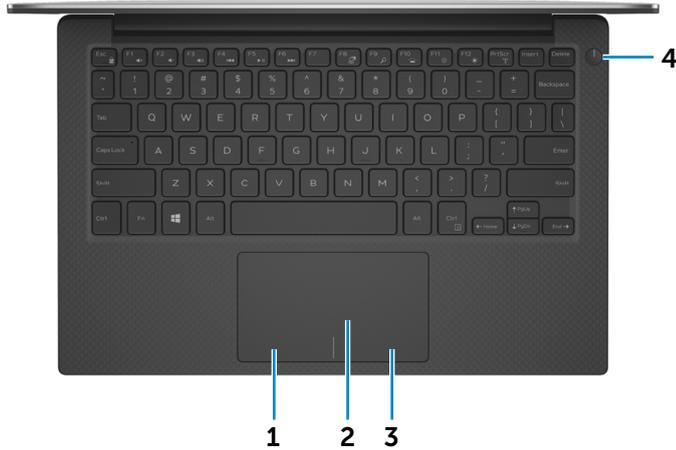Connect a security cable to prevent unauthorized movement of your computer.

Views

Front

Left

Right

Base

Display

Base

4

1   **2** **3**

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.

3   Right-click area

Press to right-click.

4   Power button with power-status light

Press to turn on the computer if it is turned off or in Sleep state.

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

Press and hold for 10 seconds to force shut-down the computer.

Solid light on the power button indicates the computer is on.

The power-status light is off when the computer is in Sleep state, Hibernate state, or turned 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**.

Views

Front

Left

Right

Base

Display

Display

1   **Camera**

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

2   **Camera-status light**

Turns on when the camera is in use.

Specifications

Dimensions and weight

Height	9 mm to 15 mm (0.35 in to 0.60 in)
Width	304 mm (11.98 in)
Depth	200 mm (7.88 in)
Weight (maximum):	
Touch screen	1.27 kg (2.8 lb)
Non-touch screen	1.18 kg (2.6 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

System information

Computer model	XPS 9343
Processor	• 5th Generation Intel Core i3 • 5th Generation Intel Core i5 • 5th Generation Intel Core i7
Chipset	Integrated in processor
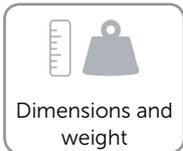
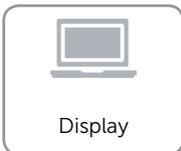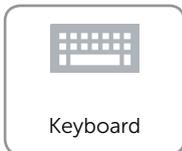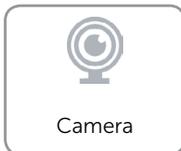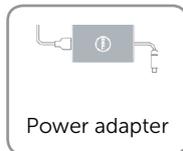| Dimensions and weight	System information	Memory	Ports and connectors	Communications	Video	Audio	Storage
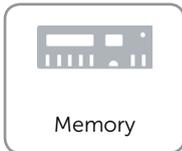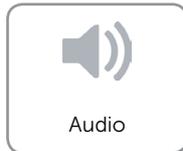
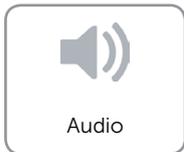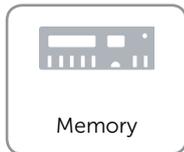| Media-card reader	Display	Keyboard	Camera	Touch pad	Battery	Power adapter	Computer environment

Specifications

Memory

Type	DDR3L-RS
Speed	1600 MHz
Configurations supported	4 GB and 8 GB

NOTE: The memory is integrated on the system board.

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
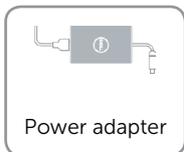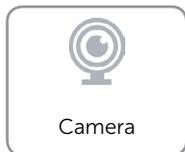
Specifications

Ports and connectors

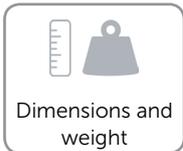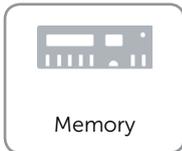| External:	
USB	• One USB 3.0 port • One USB 3.0 port with PowerShare
Audio/video	• One Mini DisplayPort • One headphone and microphone combo (headset) port
Internal:	
M.2 card	• One M.2-card slot for solid-state drive (SSD) • One M.2-card slot for Wi-Fi, Bluetooth, and Intel WiDi combo card

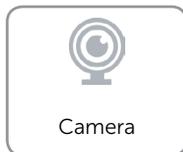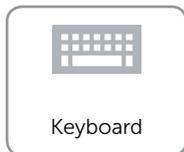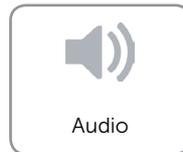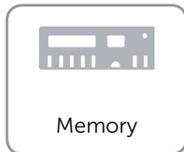|							
Dimensions and weight	System information	Memory	Ports and connectors	Communications	Video	Audio	Storage
Media-card reader	Display	Keyboard	Camera	Touch pad	Battery	Power adapter	Computer environment
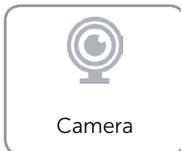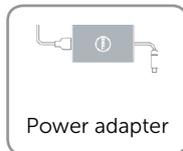
Communications

| Wireless	- Wi-Fi 802.11a/g/n (2x2) - Wi-Fi 802.11ac (2x2) - Intel WiDi (optional) - Bluetooth 4.1 - Miracast

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
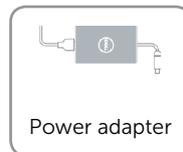
Specifications

Video

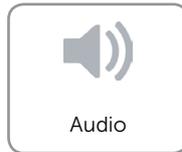| Controller	Intel HD Graphics 5500
	Intel HD Graphics 6000
Memory	Shared system memory

Dimensions and weight
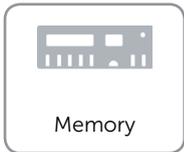
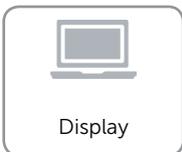System information

Memory

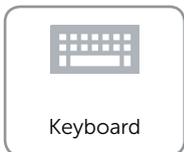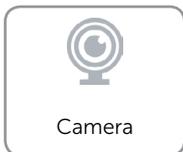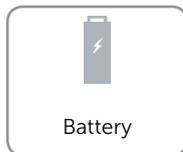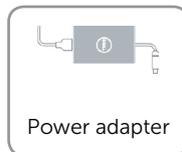Ports and connectors

Communications

Video

Audio

Storage

Media-card reader
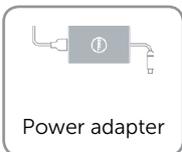
Display

Keyboard

Camera

Touch pad

Battery

Power adapter

Computer environment

Specifications

Audio

Controller	Realtek ALC3263 with Waves MaxxAudio
Speakers	Two
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
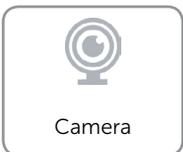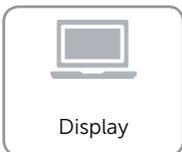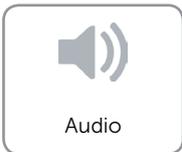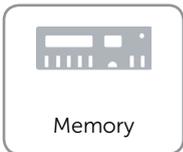
Storage

Interface	SATA 6 Gbps
Solid-state drive	One M.2 SSD

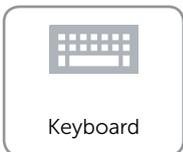|							
Dimensions and weight	System information	Memory	Ports and connectors	Communications	Video	Audio	Storage
Media-card reader	Display	Keyboard	Camera	Touch pad	Battery	Power adapter	Computer environment
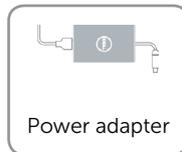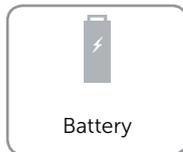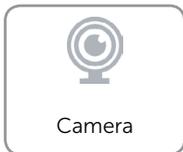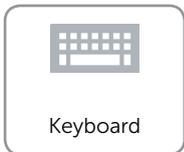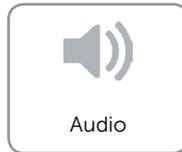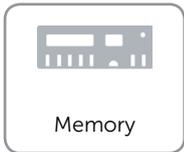
Specifications

Media-card reader

Type	One 3-in-1 slot
Cards supported	• SD card • SD High-Capacity (SDHC) card • SD Extended-Capacity (SDXC) card with Ultra High Speed (UHS)
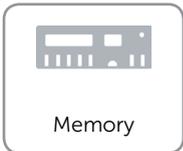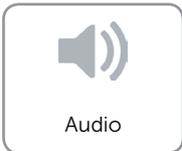
Dimensions and weight	System information	Memory	Ports and connectors	Communications	Video	Audio	Storage
Media-card reader	Display	Keyboard	Camera	Touch pad	Battery	Power adapter	Computer environment

Specifications

Display

Type	• 13.3-inch UltraSharp QHD+ infinity display with touch screen • 13.3-inch anti-glare FHD infinity display
Resolution (maximum):	
QHD+	3200 x 1800
FHD	1920 x 1080
Dimensions:	
Height	165.24 mm (6.51 in)
Width	293.76 mm (11.56 in)
Diagonal	337.05 mm (13.3 in)
Refresh rate	60 Hz
Operating angle	0 degree (closed) to 135 degrees
Pixel pitch	
QHD+	0.0918 mm
FHD	0.153 mm
Controls	Brightness can be controlled using 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
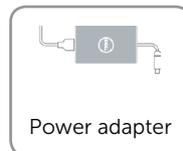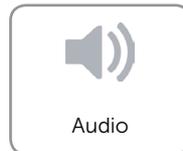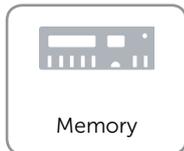
Keyboard

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

Dimensions and weight   System information   Memory   Ports and connectors   Communications   Video   Audio   Storage
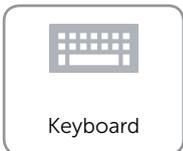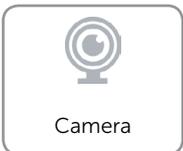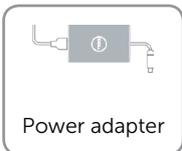
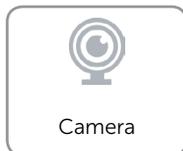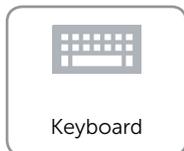Media-card reader   Display   Keyboard   Camera   Touch pad   Battery   Power adapter   Computer environment

Shortcut keys
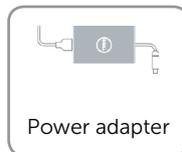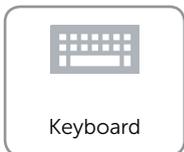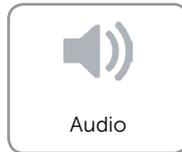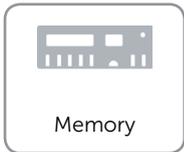
Key	Function
F1 ◀×	Mute audio
F2 ◀	Decrease volume
F3 ◀))	Increase volume
F4 ◀◀	Play previous track/chapter
F5 ▶❚❚	Play/Pause
F6 ▶▶❙	Play next track/chapter
F8	Switch to external display
F9 🔍	Search
F10	Toggle keyboard backlight
F11 ☼	Decrease brightness
F12 ☀	Increase brightness

Combination	Function
Fn + PrtScr	Turn off/on wireless
Fn + Esc	Toggle Fn-key lock
Fn + B	Pause/Break
Fn + Insert	Sleep
Fn + S	Toggle scroll lock

Camera

Resolution:	
Still image	0.92 megapixel
Video	1280 x 720 (HD) at 30 fps (maximum)
Diagonal viewing angle	66 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
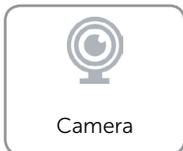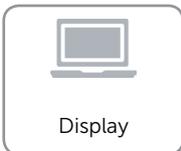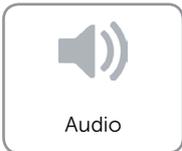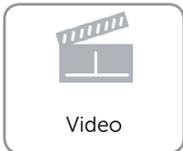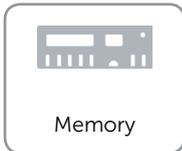
Touch pad

Resolution:	
Horizontal	305 dpi
Vertical	305 dpi
Dimensions:	
Height	60 mm (2.36 in)
Width	105 mm (4.13 in)

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

Battery

Type	4-cell 52 WHr smart lithium ion
Dimensions:	
Height	5.2 mm (0.20 in)
Width	103.5 mm (4.07 in)
Depth	257.6 mm (10.14 in)
Weight (maximum)	0.25 kg (0.55 lb)
Voltage	8.8 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	ML1220

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
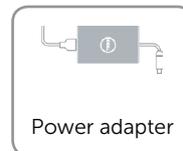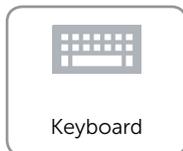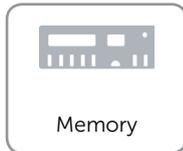
Specifications

Power adapter

Type	45 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.30 A
Output current	2.31 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
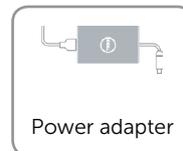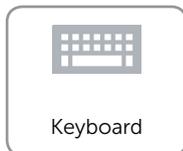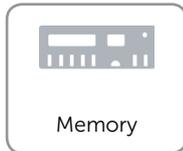
Specifications

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.

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