DELL XPS 13

Views

Specifications

2014 - 01   Rev. A01

Regulatory model: P29G | Type: P29G002

Computer model: XPS L322X

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

Views

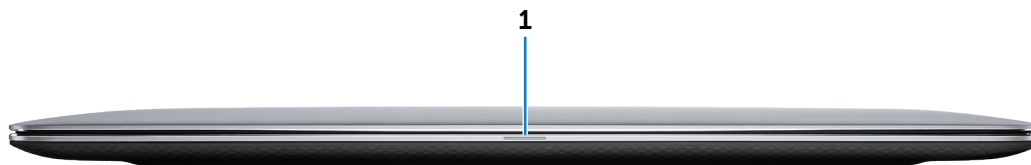## Front

1

1 **Power and battery-status light**

Indicates the power state and battery state of the computer.

Solid white —

- Computer is connected to the power adapter and the battery is fully charged.
- Computer is running on battery and the battery has more than 5% charge.

Blinking white — Computer is running on battery and the computer is in standby mode.

Solid amber —

- Computer is connected to the power adapter and the battery is being charged.
- Computer is connected to the power adapter and the computer is in sleep or hibernate mode.

Blinking amber — Computer is running on battery and the battery has less than 5% charge.

Off — Computer is Off, in sleep or hibernate mode, and the battery is not being charged.

Views

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 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 powered off or in hibernate mode, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in system setup.

✐**NOTE:** Certain USB devices may not charge when the computer is powered off or in the sleep mode. In such cases, turn on the computer to charge the device.

3   **Headset port**

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

Views

Right

Front

Left

Right

Base

Display

3   **4**

1   **2**

1   **Battery-status lights (5)**

Indicate the battery-charge status.

2   **Battery-status button**

Press to check the charge remaining in the battery.

3   **USB 3.0 port**

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

4   **Mini DisplayPort**

Connect an external display or a projector.

Views

Front

Left

Right

Base

Display

Base

1   **Power button**

Press to turn on the computer if it is turned off or in sleep mode.

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

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

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

2   **Left-click area**

Press to left-click.

3   **Touchpad**

Move your finger on the touchpad to move the mouse pointer. Press to left-click.

4   **Right-click area**

Press to right-click.

Views

Display

Front

Left

Right

Base

Display

1 2 3 4

1   Digital microphones (2)

Provide 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   Ambient-light sensor

Detects the ambient light and automatically adjusts the keyboard backlight and display brightness.

Specifications

Dimensions and Weight

Height:	
Front	6 mm (0.24 in)
Back	18 mm (0.71 in)
Width	316 mm (12.44 in)
Depth	205 mm (8.07 in)
Weight with 6-cell battery (starting at)	1.32 kg (2.91 lb) **NOTE**: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.
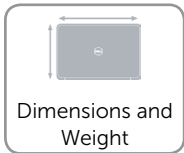
Dimensions and Weight | System Information | Memory | Ports and Connectors | Communications | Video | Audio | Storage
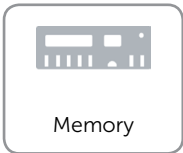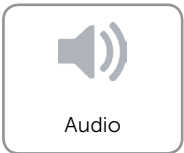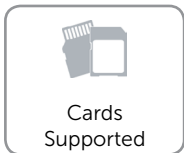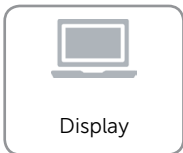
Cards Supported | Display | Keyboard | Camera | Touchpad | Battery | Power Adapter | Computer Environment
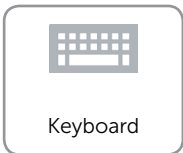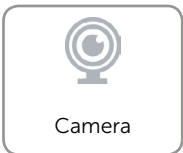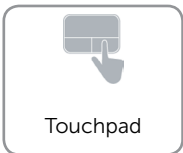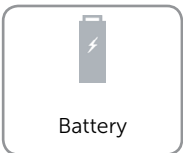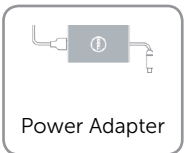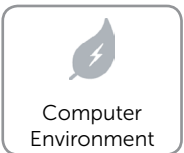
Specifications

System Information

Computer model	XPS L322X
Processor	• Intel Core i5 (3rd generation) • Intel Core i7 (3rd generation)
L1 cache	32 KB instruction and 32 KB data for each core
L2 cache	256 KB shared instruction/data for each core
L3 cache	up to 8 MB shared instruction/data shared among all cores
System chipset	Intel QS77 series chipset
SDRAM bus width	64-bit wide channels
Graphics bus	DX11, DX10.1, DX10, and DX9 support

Dimensions and Weight | System Information | Memory | Ports and Connectors | Communications | Video | Audio | Storage

Cards Supported | Display | Keyboard | Camera | Touchpad | Battery | Power Adapter | Computer Environment
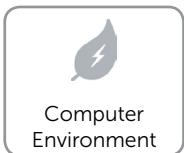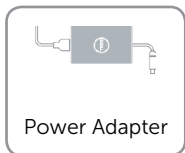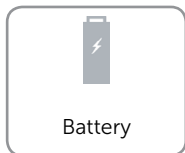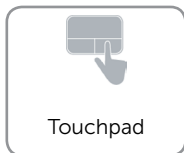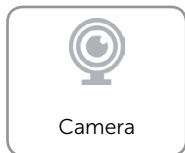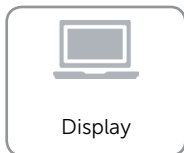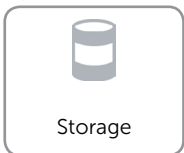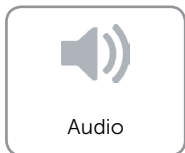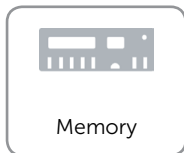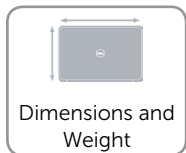
Specifications

Memory

Capacity	4 GB or 8 GB
Memory type	up to 1600 MHz, Dual-channel DDR3L configuration

Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Cards Supported	Display	Keyboard	Camera	Touchpad	Battery	Power Adapter	Computer Environment
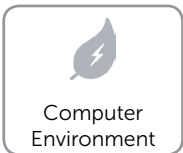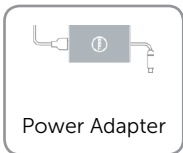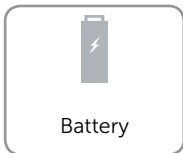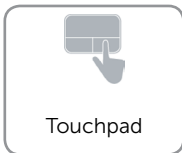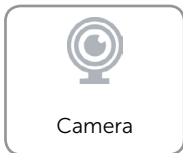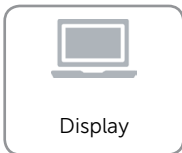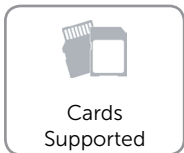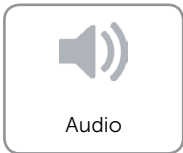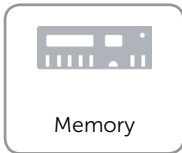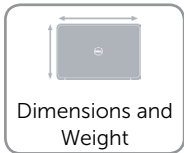
Specifications

Ports and Connectors

USB Ports	• one USB 3.0 port with PowerShare with Window Debug • one USB 3.0 port
Mini DisplayPort	one 20-pin port
Audio	one headphone/microphone combo port

Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Cards Supported	Display	Keyboard	Camera	Touchpad	Battery	Power Adapter	Computer Environment
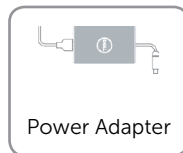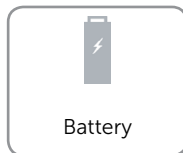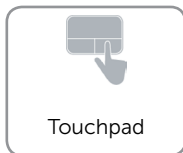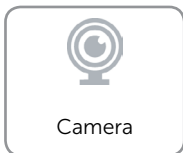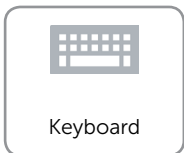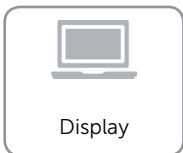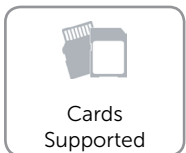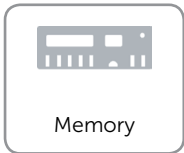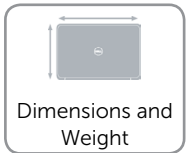
Communications

Wireless	2x2 a/b/g/n WLAN and Bluetooth v4.0 + HS

- one half Mini Card slot
- Intel Wireless Display

Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage

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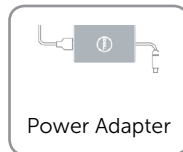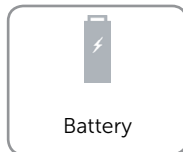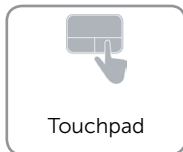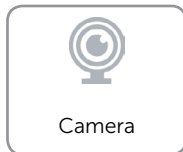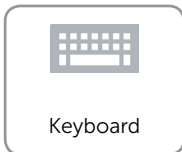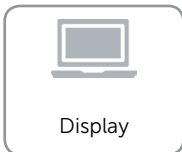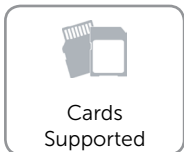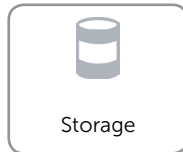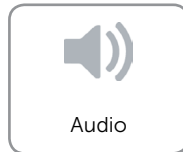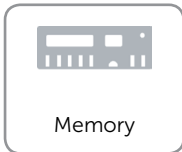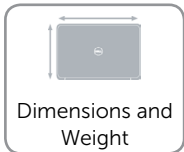
Video

Controller:	
Integrated	Intel HD Graphics 4000
Memory:	
Integrated	64 MB – 1696 MB shared with system memory
External display support	Mini DisplayPort and Intel Wireless Display

Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Cards Supported	Display	Keyboard	Camera	Touchpad	Battery	Power Adapter	Computer Environment
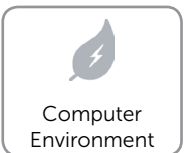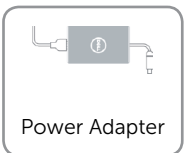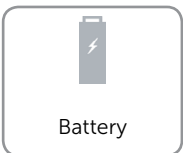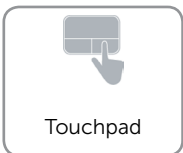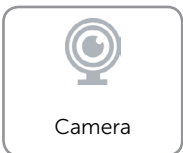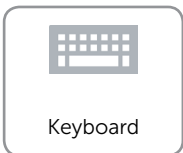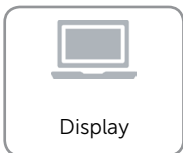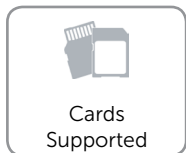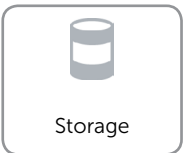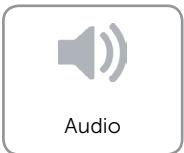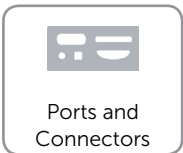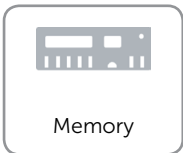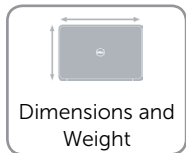
Audio

Internal speaker amplifier	1.5 W x 2
Internal microphone support	dual-array digital microphones in camera assembly
Volume controls	program menus and keyboard media function keys

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Cards Supported

Display

Keyboard

Camera

Touchpad

Battery

Power Adapter

Computer Environment
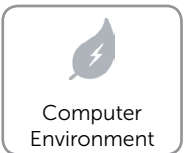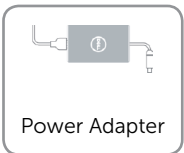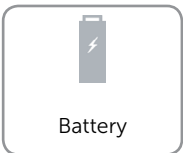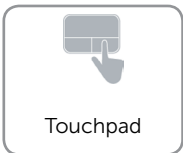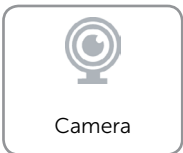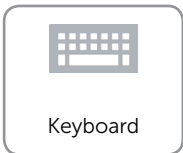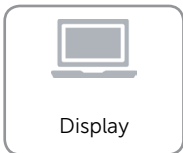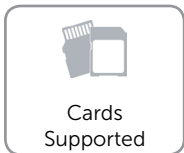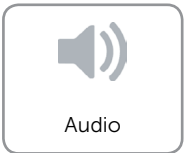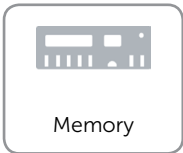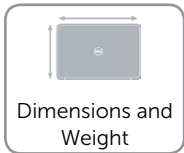
Specifications

Storage

Type	solid-state drive
Interface	mSATA
Number of drives	one mSATA slot for primary storage
Dimensions	51 mm x 30 mm, mSATA SSD

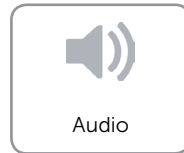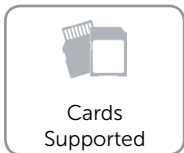| Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage

Cards Supported	Display	Keyboard	Camera	Touchpad	Battery	Power Adapter	Computer Environment
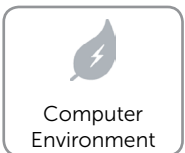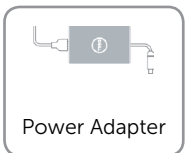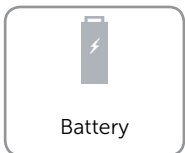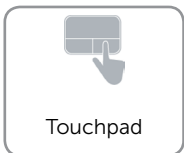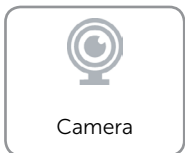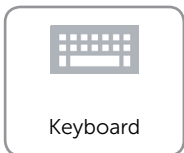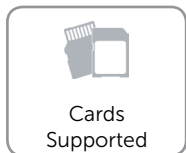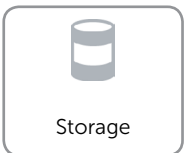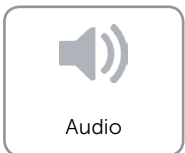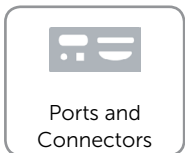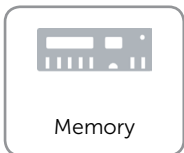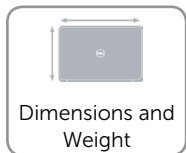
Cards Supported

Video card	Intel HD Graphics 4000
Wireless card	one half Mini Card

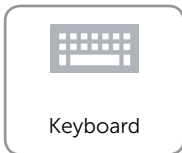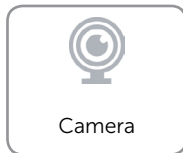| Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage

Cards Supported	Display	Keyboard	Camera	Touchpad	Battery	Power Adapter	Computer Environment
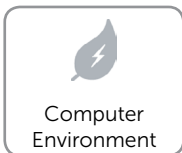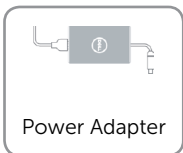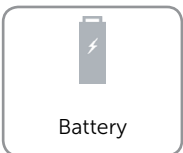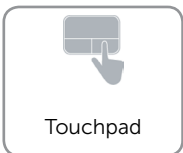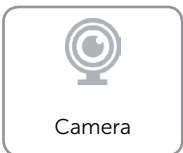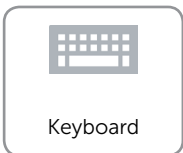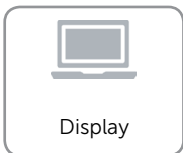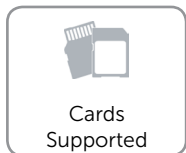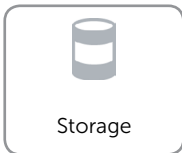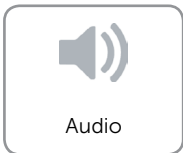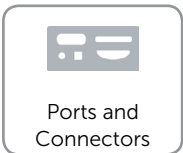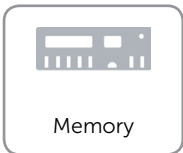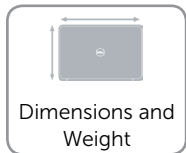
Specifications

Display

Type	• 13.3-inch HD WLED, HD TrueLife
	• 13.3-inch HD WLED, FHD TrueLife
Maximum resolution	• 1366 x 768 HD
	• 1920 x 1080 FHD
Dimensions:	
Height	191.74 mm (7.55 in)
Width	305.03 mm (12.01 in)
Diagonal	337.82 mm (13.30 in)
Refresh rate	60 Hz
Operating angle	0° (closed) to 135°
Pixel pitch	• HD: 0.21 mm
	• FHD: 0.15 mm
Controls	brightness can be controlled through keyboard shortcuts
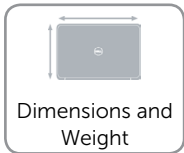
Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Cards Supported	Display	Keyboard	Camera	Touchpad	Battery	Power Adapter	Computer Environment
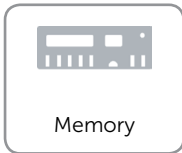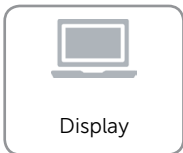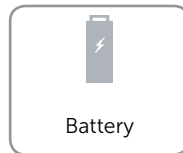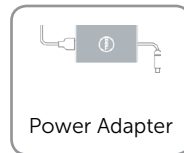
Keyboard (backlit)

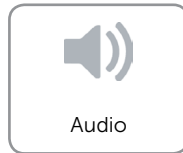| Number of keys:	
Korea, U.S., and Canada	80
U.K. and Brazil	81
Japan	84
Backlight color	white

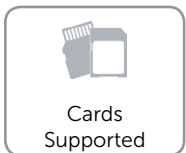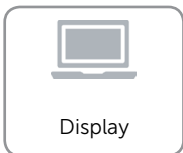Dimensions and Weight
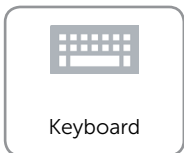
System Information

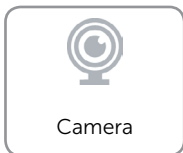Memory

Ports and Connectors
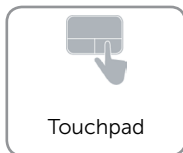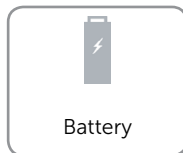
Communications

Video

Audio

Storage

Cards Supported

Display

Keyboard
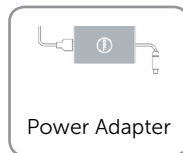
Camera

Touchpad

Battery

Power Adapter

Computer Environment
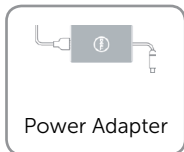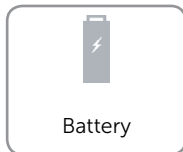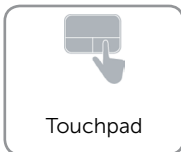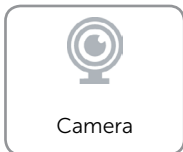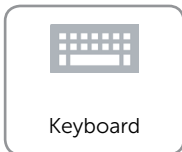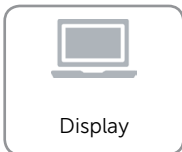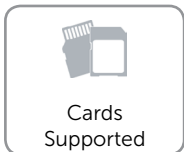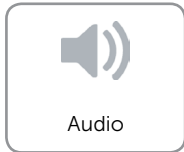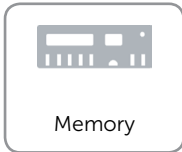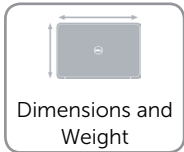
Camera

Camera resolution	1.3 megapixel camera with high-definition (720p) video recording.
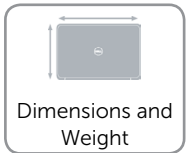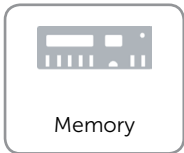
Touchpad

Resolution	250 cpi
Size:	
Width	96.8 mm (3.81 in)
Height	58.8 mm (2.31 in)

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Cards Supported

Display

Keyboard

Camera

Touchpad

Battery
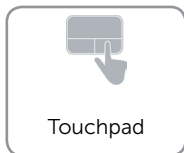
Power Adapter

Computer Environment
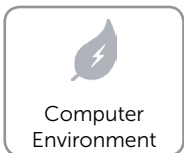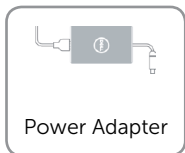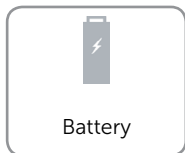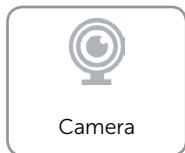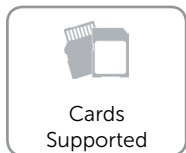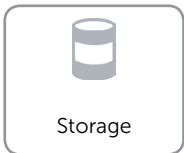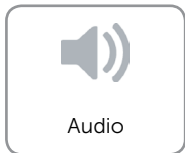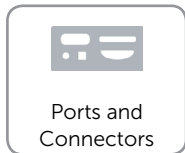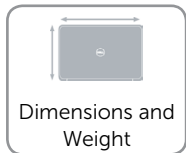
Specifications

Battery

|	
Type	6-cell 'smart lithium' - 47 Whr battery
Height	5.16 mm (0.20 in)
Width	113.16 mm (4.45 in)
Depth	287 mm (11.30 in)
Weight	0.29 kg (0.63 lb)
Voltage	7.4 V
Operating time	battery operating time varies depending on operating conditions and can reduce significantly under certain power-intensive conditions
Temperature range:	
Operating	0 °C to 35 °C (32 °F to 95 °F)
Storage	−40 °C to 65 °C (−40 °F to 149 °F)

Dimensions and Weight

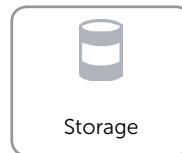System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Cards Supported

Display

Keyboard

Camera

Touchpad

Battery

Power Adapter

Computer Environment
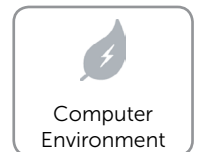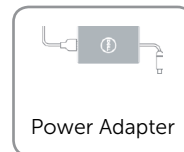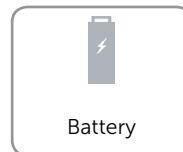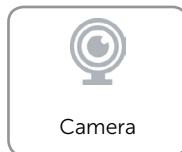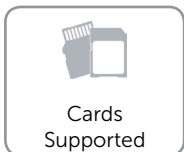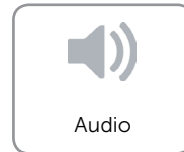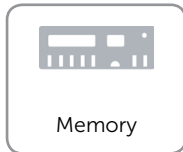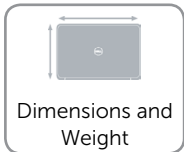
Specifications

Power Adapter

Type	45 W
Input voltage	100-240 VAC
Input current (maximum)	1.30 A
Input frequency	50 Hz − 60 Hz
Output current	2.31 A
Output power	45 W
Rated output voltage	19.5 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)
Connector types:	
DC connector	4.5 mm with PSID
AC connector	C5 power cord; C6 adapter (45 W)
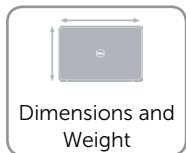
Dimensions and Weight · System Information · Memory · Ports and Connectors · Communications · Video · Audio · Storage
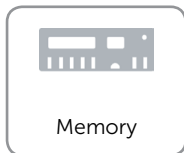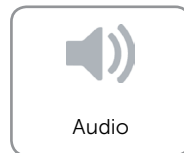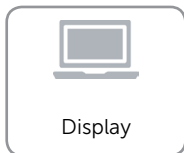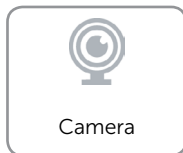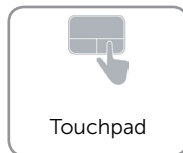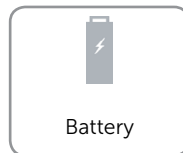
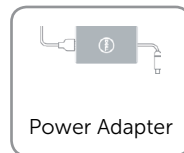Cards Supported · Display · Keyboard · Camera · Touchpad · Battery · Power Adapter · Computer Environment

Specifications

Computer Environment

Airborne contaminant level

	Operating	Storage
Temperature range	0 °C to 40 °C	−40 °C to 65 °C
Relative humidity (maximum)	10 % to 90 %	10 % to 95 %
Vibration (maximum)*	0.66 Grms/2 Hz − 600 Hz	1.3 Grms/2 Hz − 600 Hz
Shock (maximum)†	110 G	160 G

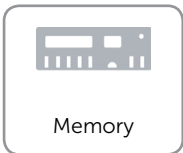* Measured using a random vibration spectrum that simulates user environment.

† Measured with hard drive in operating status and a 2-ms half-sine pulse for operating. Also measured with hard drive in head-parked position and a 2-ms half-sine pulse for storage.
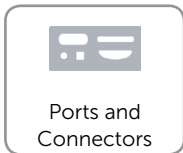
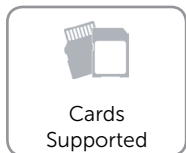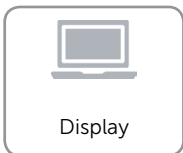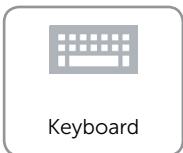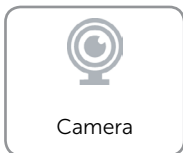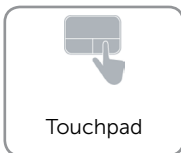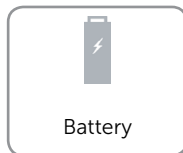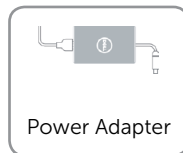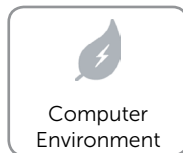|							
Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Cards Supported	Display	Keyboard	Camera	Touchpad	Battery	Power Adapter	Computer Environment