

Dell Latitude 3310

Setup and Specifications

Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Set up your Latitude 3310

1. Connect the power adapter and press the power button.



NOTE: To conserve battery power, the battery might enter power saving mode. Connect the power adapter and press the power button to turn on the computer.

2. Finish operating system setup.

For Windows:

Follow the on-screen instructions to complete the setup. When setting up, Dell recommends that you:

- Connect to a network for Windows updates.
 - NOTE:** If connecting to a secured wireless network, enter the password for the wireless network access when prompted.
- If connected to the internet, sign-in with or create a Microsoft account. If not connected to the internet, create an offline account.
- On the **Support and Protection** screen, enter your contact details.

3. Locate and use Dell apps from the Windows Start menu—Recommended.

Table 1. Locate Dell apps






Resources	Description
	<p>Dell Product Registration</p> <p>Register your computer with Dell.</p>
	<p>Dell Help & Support</p> <p>Access help and support for your computer.</p>

Table 1. Locate Dell apps (continued)

Resources	Description
	<p>SupportAssist</p> <p>SupportAssist is the smart technology that keeps your computer running at its best by optimizing settings, detecting issues, removing viruses and notifies when you need to make system updates. SupportAssist proactively checks the health of your system's hardware and software. When an issue is detected, the necessary system state information is sent to Dell to begin troubleshooting. SupportAssist is preinstalled on most of the Dell devices running Windows operating system. For more information, see SupportAssist for Home PCs User's Guide on www.dell.com/serviceabilitytools.</p> <p>NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.</p>
	<p>Dell Update</p> <p>Updates your computer with critical fixes and latest device drivers as they become available. For more information about using Dell Update, see the knowledge base article 000149088 at www.dell.com/support.</p>
	<p>Dell Digital Delivery</p> <p>Download software applications, which are purchased but not pre-installed on your computer. For more information about using Dell Digital Delivery, see the knowledge base article https://www.dell.com/support/kbdoc/000128904/how-do-i-use-dell-digital-delivery at https://www.dell.com/support/home/.</p>

4. Create recovery drive for Windows.

NOTE: It is recommended to create a recovery drive to troubleshoot and fix problems that may occur with Windows.

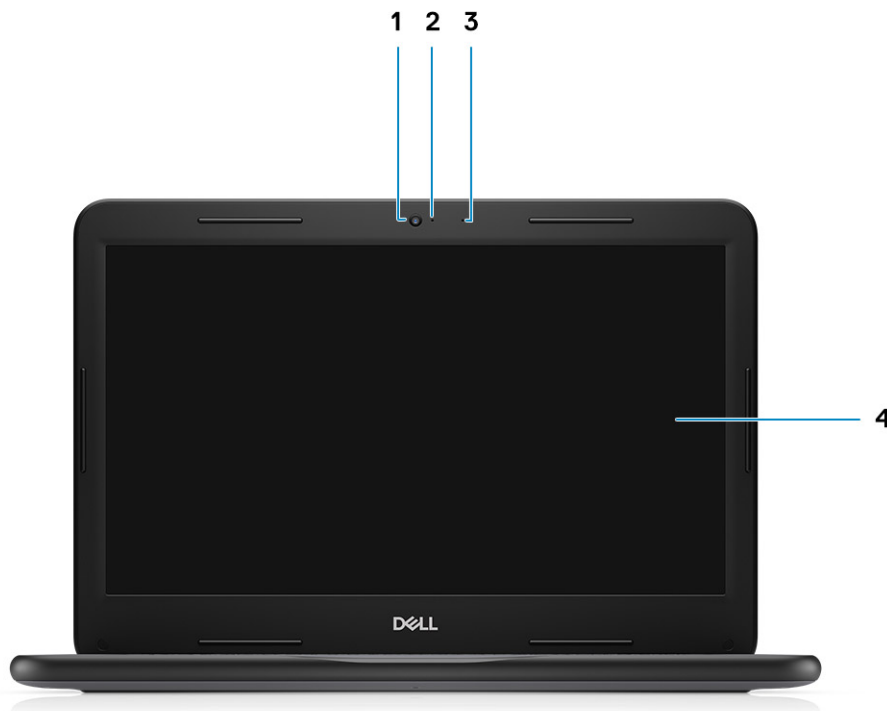
Chassis Overview

This chapter consists of the product view features along with technical specifications. The chassis overview features calls out the different ports, connectors, and components available in the computer.

Topics:

- [Front view](#)
- [Left view](#)
- [Right view](#)
- [Base view](#)
- [Palmrest view](#)

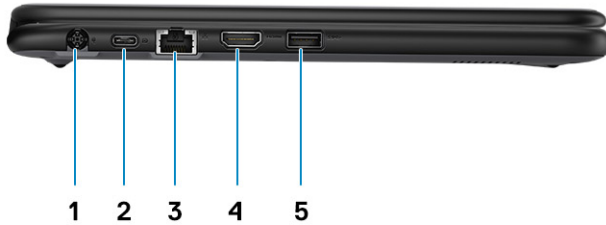
Front view



1. Camera
3. Microphone


2. Camera status light
4. LCD Panel

Left view



1. Power connector

2. USB Type-C port

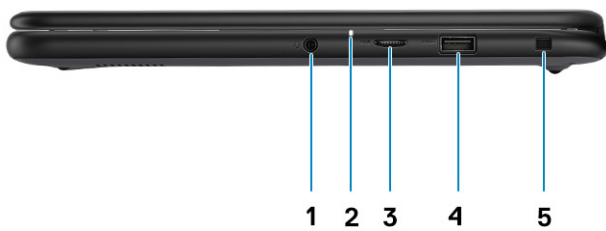
 **NOTE:** Celeron processors does not support Type-C port.

3. Network port

4. HDMI port

5. USB 3.1 port

Right view



1. Audio port

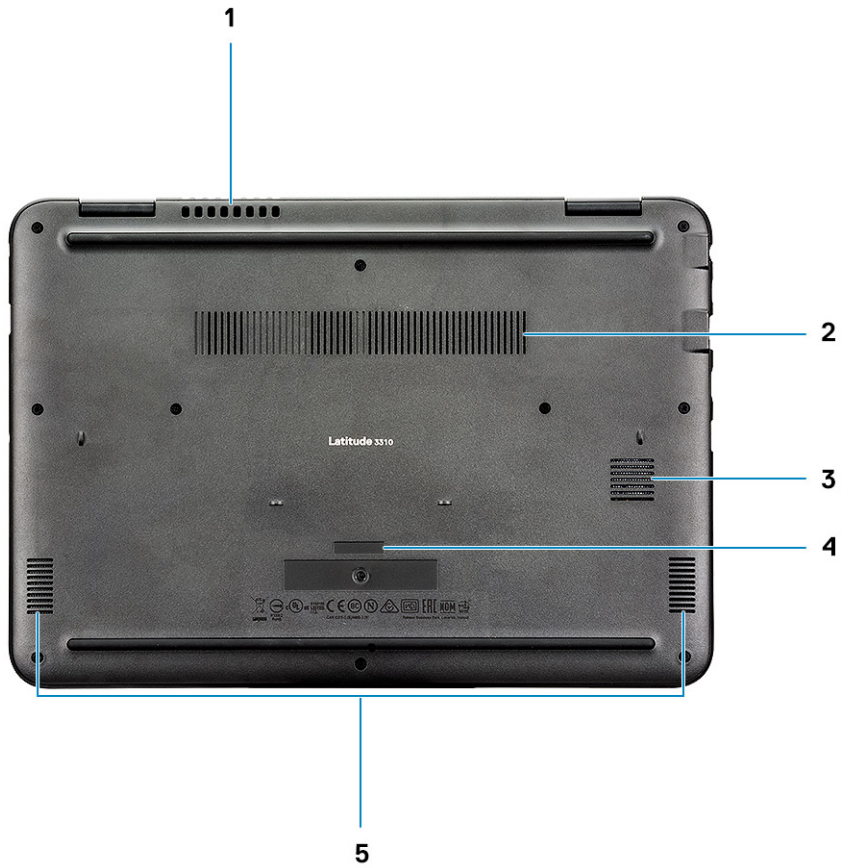
2. Battery status light

3. microSD port

4. USB 3.1 port

5. Wedge-shaped lock slot

Base view



- 1. System fan vent
- 3. SSD vent
- 5. Speakers

- 2. Heatsink vent
- 4. Service tag

Palmrest view



1. Power button
2. Keyboard
3. Touchpad

Keyboard shortcuts

NOTE: Keyboard characters may differ depending on the keyboard language configuration. Keys that are used for shortcuts remain the same across all language configurations.

Table 2. List of keyboard shortcuts

Keys	Description
Fn + F1	Mute audio
Fn + F2	Decrease volume
Fn + F3	Increase volume
Fn + F4	Mic Mute
Fn + F5	Num Lock
Fn + F6	Scroll Lock
Fn + F8	Display Toggle (Win + P)
Fn + F9	Search
Fn + F11	Print Screen
Fn + F12	Insert
Fn + Home	Toggle Wireless On/Off
Fn + End	Sleep
Fn + Ctrl	open application
Fn + Esc	Toggle Fn-key lock
Fn + Up arrow	Increase brightness
Fn + Down arrow	Decrease brightness


Specifications of Latitude 3310

Topics:

- Dimensions and weight
- Processors
- Chipset
- Operating system
- Memory
- Ports and connectors
- Communications
- Audio
- Storage
- Media-card reader
- Keyboard
- Camera
- Touchpad
- Power adapter
- Battery
- Display
- Video
- Computer environment

Dimensions and weight

Table 3. Dimensions and weight

Description	Values
Height:	
Front	22.30 mm (0.88 in.)
Rear	22.30 mm (0.88 in.)
Width	329.60 mm (12.98 in.)
Depth	230.45 mm (9.07 in.)
Weight	3.52 lbs (1.59 kg)  NOTE: The weight of your computer depends on the configuration ordered and the manufacturing variability.

Processors

Table 4. Processors

Description	Values			
Processors	Intel Celeron-4205U	Intel Pentium-5405U	Intel Core i3-8145U	Intel Core i5-8265U
Wattage	15 W	15 W	15 W	15 W

Table 4. Processors (continued)

Description	Values			
Core count	2	2	2	4
Thread count	2	4	4	8
Speed	Up to 1.8 GHz	Up to 2.3 GHz	Up to 3.9 GHz	Up to 3.9 GHz
Cache	2 MB	2 MB	4 MB	6 MB
Integrated graphics	Intel UHD Graphics 610]	Intel UHD Graphics 610	Intel UHD Graphics 620	Intel UHD Graphics 620

Chipset

Table 5. Chipset

Description	Values	
Processors	Intel Celeron DC/Pentium DC	Intel Core i3/i5
Chipset	Whiskey Lake	Whiskey Lake
DRAM bus width	64-bit	64-bit
PCIe bus	Up to Gen 2.0	Up to Gen 3.0

Operating system

Your Latitude 3310 supports the following operating systems:

- Windows 11 Home, 64-bit
- Windows 11 Home National Academic, 64-bit
- Windows 11 Pro, 64-bit
- Windows 11 Pro National Academic, 64-bit
- Windows 10 Pro, 64-bit

Memory

The following table lists the memory specifications of your Latitude 3310:

Table 6. Memory specifications

Description	Values
Slots	1 SO-DIMM slot
Type	Single channel DDR4
Speed	2133 MHz for Intel Celeron DC/ Pentium DC MHz, 2400 MHz for Intel Core i3/i5
Maximum memory	16 GB
Minimum memory	4 GB
Memory size per slot	4 GB, 8 GB, 16 GB

Table 6. Memory specifications (continued)

Description	Values
Configurations supported	<ul style="list-style-type: none"> 4 GB DDR4 (1 x 4 GB) [2133 MHz for Intel Celeron DC/ Pentium DC, 2400 MHz for Intel Core i3/i5] 8 GB DDR4 (1 x 8 GB) [2133 MHz for Intel Celeron DC/ Pentium DC, 2400 MHz for Intel Core i3/i5] 16 GB DDR4 (1 x 16 GB) [2133 MHz for Intel Celeron DC/ Pentium DC, 2400 MHz for Intel Core i3/i5]

Ports and connectors

Table 7. External ports and connectors

Description	Values
External:	
Network	One RJ-45 port
USB	<ul style="list-style-type: none"> Two USB 3.1 Gen1 ports One USB 3.1 Gen1 (Type-C) ports with DisplayPort
Audio	One Universal audio jack
Video	1 x HDMI 1.4a, 1 x DP 1.2 via Type-C
Media card reader	One Micro SD-card 3.0 slot
Power adapter port	One 7.4 mm barrel
Security	One Noble Wedge security

Table 8. Internal ports and connectors

Description	Values
Internal:	
M.2	<ul style="list-style-type: none"> One M.2 2230 slot for WiFi and Bluetooth combo card One M.2 2230/2242 slot for solid-state drive/eMMC <p>NOTE: To learn more about the features of different types of M.2 cards, see the knowledge base article SLN301626.</p>

Communications

Ethernet

Table 9. Ethernet specifications

Description	Values
Model number	REALTEK RTL8111HSD PCIe Gigabit Ethernet controller
Transfer rate	10/100/1000 Mbps

Wireless module

Table 10. Wireless module specifications

Description	Values
Model number	Intel 9560 (160 MHz)
Transfer rate	Up to 1733 Mbps
Frequency bands supported	2.4 GHz/5 GHz
Wireless standards	WiFi 802.11a/b/g WiFi 4 (WiFi 802.11n) WiFi 5 (WiFi 802.11ac)
Encryption	<ul style="list-style-type: none">• 64-bit/128-bit WEP• AES-CCMP• TKIP
Bluetooth	5.0

Audio

Table 11. Audio specifications

Description	Values	
Controller	REALTEK ALC3246	
Stereo conversion	Supported	
Internal interface	High definition audio	
External interface	Universal audio jack	
Speakers	Two	
Internal speaker amplifier	Supported (audio codec integrated)	
External volume controls	Keyboard shortcut controls	
Speaker output:		
	Average	2 W
	Peak	2.5 W
Subwoofer output	Not supported	
Microphone	Supported (Single digital microphone)	

Storage

Your computer supports any one of the following configurations:

- One M.2 2242 eMMC
- One M.2 2230 Solid State Drive

Table 12. Storage specifications

Storage type	Interface type	Capacity
One M.2 2242 eMMC	SATA	64 GB
One M.2 2230 Solid state drive	PCIe	128/256 GB

Media-card reader

Table 13. Media-card reader specifications

Description	Values
Type	One Micro SD-card 3.0 slot
Cards supported	<ul style="list-style-type: none"> • microSD • microSDHC • microSDXC

Keyboard

Table 14. Keyboard specifications

Description	Values
Type	<ul style="list-style-type: none"> • Single pointing keyboard • Single pointing backlit keyboard
Layout	QWERTY
Number of keys	<ul style="list-style-type: none"> • United States and Canada: 82 keys • United Kingdom: 83 keys • Japan: 84 keys
Size	X= 19.05 mm key pitch Y= 18.05 mm key pitch
Shortcut keys	<p>Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key.</p> <p>NOTE: You can define the primary behavior of the function keys (F1–F12) changing Function Key Behavior in BIOS setup program.</p> <p>Keyboard shortcuts.</p>

Camera

Table 15. Camera specifications

Description	Values
Number of cameras	One

Table 15. Camera specifications (continued)

Description		Values
Type		RGB High Definition camera
Location		Front camera
Sensor type		CMOS sensor technology
Resolution (RGB)		
	Still image	0.92 megapixel
	Video	1280 x 720 at 30 fps
Diagonal viewing angle		
	Camera	78.6 degrees

Touchpad

The following table lists the touchpad specifications of your Latitude 3310.

Table 16. Touchpad specifications

Description		Values
Touchpad resolution:		
	Horizontal	3220
	Vertical	1952
Touchpad dimensions:		
	Horizontal	105 mm (4.13 in.)
	Vertical	65 mm (2.56 in.)
Touchpad gestures		For more information about touchpad gestures available on Windows, see the Microsoft knowledge base article 4027871 at support.microsoft.com .

Power adapter

Table 17. Power adapter specifications

Description	Values
Type	65 W
Diameter (connector)	7.4 mm
Input voltage	100 VAC x 240 VAC
Input frequency	50 Hz x 60 Hz
Input current (maximum)	1.50 A
Output current (continuous)	3.34 A

Table 17. Power adapter specifications (continued)

Description		Values
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)

Battery

Table 18. Battery specifications

Description		Values		
Type	Polymer 3C 42 WHr smart battery with express charge	Polymer 4C 56 WHr smart battery with express charge	Polymer 4C 56 WHr smart battery (life cycle)	
Voltage	11.40 VDC	15.20 VDC	15.20 VDC	
Weight (maximum)	0.44 lb (0.20 Kg)	0.55 lb (0.25 Kg)	0.55 lb (0.25 Kg)	
Dimensions:				
	Height	5.90 mm (0.23 in.)	5.90 mm (0.23 in.)	5.90 mm (0.23 in.)
	Width	103.25 mm (4.06 in.)	104.49 mm (4.11 in.)	104.49 mm (4.11 in.)
	Depth	191.85 mm (7.55 in.)	242.11 mm (9.53 in.)	242.11 mm (9.53 in.)
Temperature range:				
	Operating	0°C to 35°C	0°C to 35°C	0°C to 35°C
	Storage	-20°C to 65°C	-20°C to 65°C	-20°C to 65°C
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	
Charging time (approximate)	<p>i NOTE: Control the charging time, duration, start and end time, and so on using the Dell Power Manager application. For more information on the Dell Power Manager see www.dell.com/.</p>	<p>i NOTE: Control the charging time, duration, start and end time, and so on using the Dell Power Manager application. For more information on the Dell Power Manager see www.dell.com/.</p>	<ul style="list-style-type: none"> Standard charge: 0°C to 50°C: 4 hours Express Charge: 0°C to 15°C: 4 hours; 16°C to 45°C: 2 hours; 46°C to 50°C: 3 hours <p>i NOTE: Control the charging time, duration, start and end time, and so on using the Dell Power Manager application. For more information on the Dell Power Manager see, <i>Me and My Dell</i> on https://www.dell.com/</p>	

Table 18. Battery specifications (continued)

Description	Values		
			LLC battery only supports the standard charge.
Life span (approximate)	300 discharge/charge cycles	300 discharge/charge cycles	1000 discharge/charge cycle on LLC (Long life cycle) battery
Coin-cell battery	CR2032	CR2032	CR2032
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.

Display

Table 19. Display specifications

Description	Values	
Type	Full High Definition	
Panel technology	In-Plane Switching (IPS)	
Luminance (typical)	220 nits	
Dimensions (active area):		
	Height	165.24 mm (6.05 in.)
	Width	164.97 mm (6.49 in.)
	Diagonal	13.3"
Native resolution	1366 x 768	
Color gamut	72% (sRGB), 100% (Adobe RGB)	
Contrast ratio (min)	0.67	
Refresh rate	60 Hz	
Horizontal view angle	80 +/- degrees	
Vertical view angle	80 +/- degrees	
Power consumption (maximum)	65 W	
Anti-glare vs glossy finish	Anti-Glare	
Touch options	Yes	

Video

Table 20. Integrated graphics specifications

Integrated graphics			
Controller	External display support	Memory size	Processor
Intel UHD Graphics 610	1 x HDMI 1.4a, 1 x DP 1.2 via Type-C	Shared system memory	Intel Celeron DC/ Pentium DC
Intel UHD Graphics 620	1 x HDMI 1.4a, 1 x DP 1.2 via Type-C	Shared system memory	Intel Core i3/i5

Computer environment

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

Table 21. Computer environment

Description	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 (-49.87 ft to 10000 ft)	-15.2 m to 3048 m (-49.87 ft to 10000 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.

Getting help and contacting Dell

Self-help resources


You can get information and help on Dell products and services using these self-help resources:


Table 22. Self-help resources

Self-help resources	Resource location
Information about Dell products and services	www.dell.com
My Dell app	
Tips	
Contact Support	In Windows search, type <code>Contact Support</code> , and press Enter.
Online help for operating system	www.dell.com/support/windows
Access top solutions, diagnostics, drivers and downloads, and learn more about your computer through videos, manuals and documents.	Your Dell computer is uniquely identified by a Service Tag or Express Service Code. To view relevant support resources for your Dell computer, enter the Service Tag or Express Service Code at www.dell.com/support . For more information on how to find the Service Tag for your computer, see Locate the Service Tag on your computer .
Dell knowledge base articles for a variety of computer concerns	<ol style="list-style-type: none"> 1. Go to www.dell.com/support. 2. On the menu bar at the top of the Support page, select Support > Knowledge Base. 3. In the Search field on the Knowledge Base page, type the keyword, topic, or model number, and then click or tap the search icon to view the related articles.

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see www.dell.com/contactdell.

 **NOTE:** Availability varies by country/region and product, and some services may not be available in your country/region.

 **NOTE:** If you do not have an active Internet connection, you can find contact information about your purchase invoice, packing slip, bill, or Dell product catalog.