

Latitude 3550

Owner's Manual

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 3550

About this task

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

Steps

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



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

NOTE: The battery may go into power-saving mode during shipment to conserve charge on the battery. Ensure that the power adapter is connected to your computer when it is turned on for the first time.

2. Finish the operating system setup.

For Ubuntu:

Follow the on-screen instructions to complete the setup. For more information about installing and configuring Ubuntu, search in the Knowledge Base Resource at [Dell Support Site](#).

For Windows:

Follow the on-screen instructions to complete the setup. When setting up, Dell Technologies 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
	MyDell MyDell is a software application that offers you a single streamlined engagement platform including account access, device information, and hardware settings. This software delivers intelligent features that automatically fine-tune your computer for the best possible audio, power, and performance. Get the most out of your Dell device with intelligent, personalized technology from MyDell. The following options can be customized in MyDell: • Application • Audio • Power • Color and Display • Presence detection For more information about how to use MyDell, see product guides at Dell Support Site.
	Dell Product Registration Register your computer with Dell.
	Dell Help & Support Access help and support for your computer.
	SupportAssist SupportAssist is the smart technology that keeps your computer running at its best by optimizing settings, detecting issues, removing viruses and notifies when you must make computer updates. SupportAssist proactively checks the health of your computer 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 the Windows operating system. For more information, see <i>SupportAssist for Business PCs manuals</i> at Support Assist for Business PCs.  NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.
	SupportAssist SupportAssist proactively and predictively identifies hardware and software issues on your computer and automates the engagement process with Dell Technical support. It addresses performance and stabilization issues, prevents security threats, monitors, and detects hardware failures. For more information, see <i>SupportAssist for Home PCs User's Guide</i> at SupportAssist for Home PCs.  NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.
	Dell Update Updates your computer with critical fixes and latest device drivers as they become available. For more information about using Dell Update, see the product guides and third-party license documents at Dell Support Site.
	Dell Digital Delivery Download software applications, which are purchased but not preinstalled on your computer. For more information about using Dell Digital Delivery, search in the Knowledge Base Resource at Dell Support Site.

Views of Latitude 3550

Right



Figure 2. Right view

1. SIM-card slot (optional)

Insert a SIM card to connect to a mobile broadband network.

2. USB 3.2 Gen 1 port

Connect to external storage devices. Provides data transfer speeds up to 5 Gbps.

NOTE: This port does not support video/audio streaming.

3. RJ45 Ethernet port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or Internet access, with a transfer rate of 10/100/1000 Mbps.

4. Ethernet status LED

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

One light next to the connector indicate the connectivity status and network activity.

5. Security-cable slot

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

Left

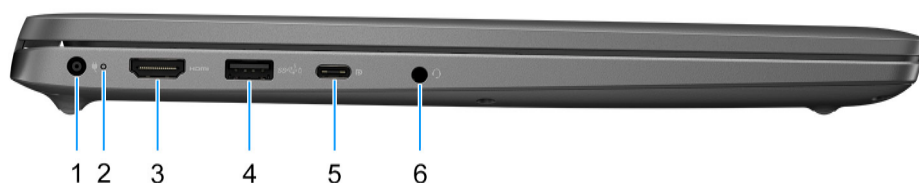


Figure 3. Left view

1. Power-adaptor port

Connect a power adapter to provide power to your computer.

2. Battery-status light

Indicates the battery-charge status.

Solid white—Power adapter is connected and the battery has more than 5% charge.

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

Off—Power adapter is disconnected or the battery is fully charged.

3. HDMI port

Connect to a TV, external display or another HDMI-in enabled device. Provides key video and audio output.

4. USB 3.2 Gen 1 port with PowerShare

Connect devices such as external storage devices and printers.

Provides data transfer speeds up to 5 Gbps. PowerShare enables 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 sleep state. In such cases, turn on the computer to charge the device.

5. USB4 Type-C 20Gbps port

Connect devices, such as external storage devices and printers. Provides data transfer rates of up to 20 Gbps.

NOTE: USB4 is backward compatible with USB 3.2 and USB 2.0.

6. Universal audio port

Connect audio-output devices such as speakers, amplifiers, and so on.

Top



Figure 4. Image: Top view

1. Power button with optional fingerprint reader

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

When the computer is turned on, press the power button to put the computer into sleep state; press and hold the power button for 10 seconds to force shut-down the computer.

If the power button has a fingerprint reader, place your finger on the power button steadily to log in.

NOTE: The power-status light on the power button is available only on computers without the fingerprint reader. Computers that are shipped with the fingerprint reader that is integrated on the power button will not have the power-status light on the power button.

NOTE: You can customize the power-button behavior in Windows.

2. Touchpad

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

Front

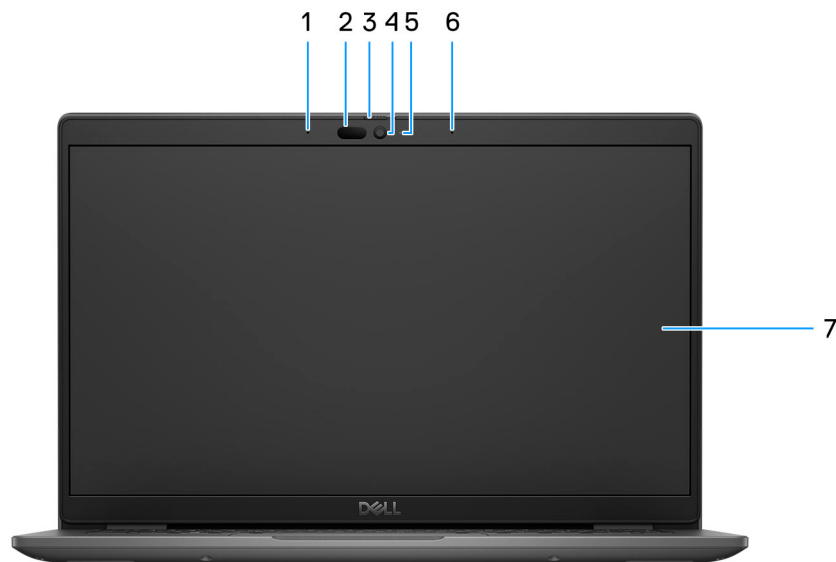


Figure 5. Image: Front view

1. Left microphone

Provides digital sound input for audio recording and voice calls.

2. Infrared camera (optional)

Enhances security when paired with Windows Hello face authentication.

3. Camera shutter

Slide the privacy shutter to the left to access the camera lens.

4. Camera

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

5. Camera-status light

Turns on when the camera is in use.

6. **Right microphone**

Provides digital sound input for audio recording and voice calls.

7. **LCD panel**

Provides visual output to the user.

Bottom

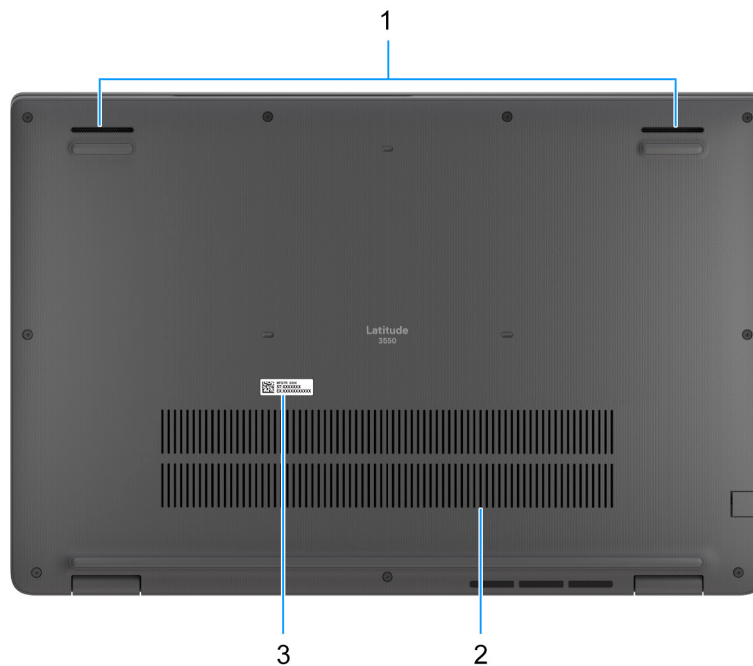


Figure 6. Image: Bottom view

1. **Speakers**

Provide audio output.

2. **Air vents**

Air vents provide ventilation for your computer. Clogged air vents can cause overheating and can affect your computer's performance and potentially cause hardware issues. Keep the air vents clear of obstructions and clean them regularly to prevent build-up of dust and dirt. For more information about cleaning air vents, search for articles in Knowledge Base Resource at [dell support](https://dell.com/support).

3. **Service Tag label**

The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information.

Service Tag

The service tag is a unique alphanumeric identifier that allows Dell service technicians to identify the hardware components in your computer and access warranty information.

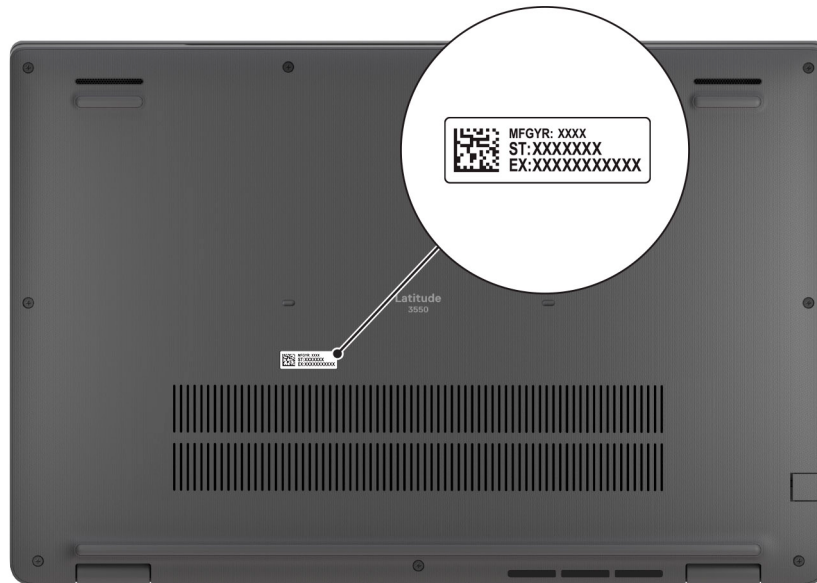


Figure 7. Image: Service Tag location

Battery charge and status light

The following table lists the battery charge and status light behavior of your Latitude 3550.

Table 2. Battery charge and status light behavior

Power source	LED behavior	System power state	Battery charge level
AC Adapter	Off	S0 - S5	Fully Charged
AC Adapter	Solid White	S0 - S5	< Fully Charged
Battery	Off	S0 - S5	11-100%
Battery	Solid Amber (590+/-3 nm)	S0 - S5	< 10%

- S0 (ON) - Computer is turned on.
- S4 (Hibernate) - The computer consumes the least power compared to all other sleep states. The computer is almost at an OFF state, expect for a trickle power. The context data is written to hard drive.
- S5 (OFF) - The computer is in a shutdown state.

Table 3. RJ45 Ethernet status LED

LED Behavior	Connection status
Solid Amber	The RJ45 cable is connected properly from the router or switch to the computer. The connection is active.
Blinking Amber	Data transfer is in progress.

Specifications of Latitude 3550

Dimensions and weight

The following table lists the height, width, depth, and weight of your Latitude 3550.

Table 4. Dimensions and weight

Description	Values
Height:	
Front height	18.13 mm (0.71 in.)
Rear height	20.40 mm(0.80 in.)
Width	359.00 mm (14.13 in.)
Depth	239.69 mm (9.43 in.)
Weight  NOTE: The weight of your computer depends on the configuration that is ordered and manufacturing variability.	Minimum—1.81 kg (3.99 lbs)

Processor

The following table lists the details of the processors that are supported for your Latitude 3550 .

Table 5. Processor

Description	Option one	Option two	Option three	Option four	Option five	Option six	Option seven
Processor type	13 th Generation Intel Core i3-1315U	13 th Generation Intel Core i5-1335U	13 th Generation Intel Core i5-1345U	13 th Generation Intel Core i7-1355U	Intel Core Ultra 5 125U	Intel Core Ultra 5 135U	Intel Core Ultra 7 155U
Processor wattage	15 W	15 W	15 W	15 W	15 W	15 W	15 W
Processor core count	6	10	10	10	12	12	12
Processor thread count	8	12	12	12	14	14	14
Processor speed	Up to 4.50 GHz	Up to 4.60 GHz	Up to 4.70 GHz	Up to 5.00 GHz	Up to 4.30 GHz	Up to 4.40 GHz	Up to 4.80 GHz
Processor cache	10 MB	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB
Integrated graphics	Intel UHD Graphics	Intel Iris X ^e Graphics	Intel Iris X ^e Graphics	Intel Iris X ^e Graphics	Intel Integrated Graphics	Intel Integrated Graphics	Intel Integrated Graphics

Chipset

The following table lists the details of the chipset that is supported for your Latitude 3550.

Table 6. Chipset

Description	Option one	Option two
Processors	13 th Generation Intel Core i3/i5/i7	Intel Core Ultra 5/Ultra 7
Chipset	Intel RPL-U (integrated with the processor)	Intel MTL-U (integrated with the processor)
DRAM bus width	64-bit	64-bit
Flash EPROM	32 MB	32 MB+ 16 MB
PCIe bus	Up to Gen4	Up to Gen4

Operating system

Your Latitude 3550 supports the following operating systems:

- Windows 11 Pro
- Windows 11 Home
- Ubuntu 22.04 LTS, 64-bit

Memory

The following table lists the memory specifications of your Latitude 3550.

Table 7. Memory specifications

Description	Values
Memory slots	Two
Memory type	DDR5, single-channel, dual-channel
Memory speed	• For computers shipped with 13th Gen Intel Core i3/i5/i7 processors: 5200 MT/s • For computers shipped with Intel Core Ultra i5/i7 processors: 5600 MT/s
Maximum memory configuration	64 GB
Minimum memory configuration	8 GB
Memory size per slot	8 GB, 16 GB, 32 GB
Memory configurations supported	For computers shipped with 13th Gen Intel Core i3/i5/i7 processor: • 8 GB: 1 x 8 GB, DDR5, 5200 MT/s, single-channel • 16 GB: 2 x 8 GB, DDR5, 5200 MT/s, dual-channel • 16 GB: 1 x 16 GB, DDR5, 5200 MT/s, single-channel • 32 GB: 2 x 16 GB, DDR5, 5200 MT/s, dual-channel • 64 GB: 2 x 32 GB, DDR5, 5200 MT/s, dual-channel For computers shipped with Intel Core Ultra i5/i7 processor:

Table 7. Memory specifications (continued)

Description	Values
	8 GB: 1 x 8 GB, DDR5, 5600 MT/s, single-channel 16 GB: 2 x 8 GB, DDR5, 5600 MT/s, dual-channel 16 GB: 1 x 16 GB, DDR5, 5600 MT/s, single-channel 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, dual-channel 64 GB: 2 x 32 GB, DDR5, 5600 MT/s, dual-channel

External ports

The following table lists the external ports of your Latitude 3550.

Table 8. External ports

Description	Values
Network port	One Flip-down RJ 45 10/100/1000 Mbps
USB ports	- One USB4 (20 Gbps) with Power Delivery and DisplayPort - One USB 3.2 Gen 1 port with PowerShare - Two USB 3.2 Gen 1 port
Audio port	One universal audio port
Video port	- One HDMI 1.4 port (for computers shipped with 13th Gen Intel Core i3/i5/i7 processor) - One HDMI 2.0 port (for computers shipped with Intel Core Ultra i5/i7 processor)
SIM card slot	One micro-SIM card slot
Power-adaptor port	One DC-in port (4.5 mm standard plug/USB-C port)
Security-cable slot	One wedge-shaped lock slot

Internal slots

The following table lists the internal slots of your Latitude 3550.

Table 9. Internal slots

Description	Values
M.2	- One M.2 2230 for solid-state drive - One M.2 2230 slot for WLAN card, Wi-Fi/Bluetooth - One M.2 3042 slot for WWAN card, Wi-Fi/Bluetooth  NOTE: To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at Dell Support Site.

Ethernet

The following table lists the wired Ethernet Local Area Network (LAN) specifications of your Latitude 3550.

Table 10. Ethernet specifications

Description	Values
Model number	RTL8111H-CG
Transfer rate	10/100/1000 Mbps

Wireless module

The following table lists the Wireless Local Area Network (WLAN) modules that are supported on your Latitude 3550.

Table 11. Wireless module specifications

Description	Option one	Option two
Model number	Intel AX211	Realtek RTL8852BE
Transfer rate	Up to 2400 Mbps	Up to 1200 Mbps
Frequency bands supported	2.4 GHz/5 GHz/6 GHz	2.4 GHz/5 GHz
Wireless standards	• WiFi 802.11a/b/g • Wi-Fi 4 (WiFi 802.11n) • Wi-Fi 5 (WiFi 802.11ac) • Wi-Fi 6E (WiFi 802.11ax) • Wi-Fi 6 (WiFi 802.11ax)	• WiFi 802.11a/b/g • Wi-Fi 4 (WiFi 802.11n) • Wi-Fi 5 (WiFi 802.11ac) • Wi-Fi 6 (WiFi 802.11ax)
Encryption	• 64-bit/128-bit WEP • AES-CCMP • TKIP	• 64-bit/128-bit WEP • AES-CCMP • TKIP
Bluetooth wireless card	Bluetooth 5.3	Bluetooth 5.3
	 NOTE: The version of the Bluetooth wireless card may vary depending on the operating system that is installed on your computer.	

WWAN module

The following table lists the Wireless Wide Area Network (WWAN) module supported on your Latitude 3550.

Table 12. WWAN module specifications

Description	Values
Model number	Qualcomm Snapdragon SDX12 Global LTE-Advanced (DW5825e)
Form factor	M.2 3042 KEY-B
Host interface	USB 3.0/2.0

Table 12. WWAN module specifications (continued)

Description	Values
Network standard	• LTE FDD/TDD, WCDMA/HSPA+ • GPS/GLONASS/Galileo
Transfer rate	• Downlink: • LTE FDD: 1 Gbps (Cat12) • LTE TDD: 600 Mbps (Cat 12) • UMTS: 384 Kbps • DC-HSPA+: 42 Mbps (Cat12) • Uplink: • LTE FDD: 150 Mbps (Cat12) • LTE TDD: 150 Mbps (Cat12) • UMTS: 384 Kbps • DC-HSPA+: 5.76 Mbps (Cat12)
Operating frequency bands	• LTE FDD (B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B66, B71) • LTE TDD (B34, B38, B39, B40, B41, B42, B43, B48) • WCDMA (B1, B2, B4, B5, B8)
Power supply	DC 3.135 V to 4.4 V, Typical 3.3 V
SIM card	Supported through external or internal SIM-card slot
eSIM with Dual SIM (DSSA)	Supported (The availability of eSIM functionality embedded on the module is dependent on the region and specific carrier requirements)
Antenna Diversity	Supported
Radio On/Off	Supported
Wake On Wireless	Supported
Temperature	• Normal operating temperature: -10 °C to +55 °C • Extended operating temperature: -30 °C to +75 °C • Storage Temperature: -40 °C to +85 °C
Antenna connector	• WWAN Main Antenna x 1 • WWAN Diversity Antenna x 1
 NOTE: For instructions on how to find your computer's IMEI (International Mobile Station Equipment Identity) number, search in the Knowledge Base Resource at dell support .	

Audio

The following table lists the audio specifications of your Latitude 3550.

Table 13. Audio specifications

Description	Values
Audio controller	Realtek ALC3204
Stereo conversion	Supported with Waves MaxxAudio Pro
Internal audio interface	High definition audio interface

Table 13. Audio specifications (continued)

Description		Values
External audio interface		One universal audio port
Number of speakers		Two
Internal-speaker amplifier		Supported (audio codec integrated)
External volume controls		Supported
Speaker output:		
	Average speaker output	2 W x 2 = 4 W
	Peak speaker output	2.5 W x 2 = 5 W
Subwoofer output		Not supported
Microphone		Digital-array microphone

Storage

This section lists the storage options on your Latitude 3550.

One M.2 2230 solid-state drive

Table 14. Storage specifications

Storage type	Interface type	Capacity
M.2 2230 Class 25 QLC SSD	PCIe NVMe Gen4	Up to 1 TB
M.2 2230 Class 35 TLC SSD	PCIe NVMe Gen4	Up to 1 TB

Keyboard

The following table lists the keyboard specifications of your Latitude 3550.

Table 15. Keyboard specifications

Description	Values
Keyboard type	- Standard AI hotkey backlit keyboard without fingerprint reader - Standard AI hotkey backlit keyboard with fingerprint reader - Standard AI hotkey non-backlit keyboard without fingerprint reader - Standard AI hotkey non-backlit keyboard with fingerprint reader  NOTE: - All keyboards are spill-resistant. - Copilot in Windows is available only in approved markets.
Keyboard layout	QWERTY

Table 15. Keyboard specifications (continued)

Description	Values
Number of keys	• United States and Canada: 99 keys • United Kingdom: 100 keys • Japan: 103 keys • Brazil and Quebec: 101 keys
Keyboard size	X=18.05 mm key pitch Y=18.05 mm key pitch
Keyboard shortcuts	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 primary behavior of the function keys (F1–F12) changing Function Key Behavior in BIOS setup program.  NOTE: If Copilot in Windows is not available on your computer, the Copilot key launches Windows Search. For more information about Copilot in Windows, search in the Knowledge Base Resource at dell support.

Keyboard shortcuts of Latitude 3550

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

Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. The symbol shown on the lower part of the key refers to the character that is typed out when the key is pressed. If you press shift and the key, the symbol shown on the upper part of the key is typed out. For example, if you press **2**, **2** is typed out; if you press **Shift + 2**, **@** is typed out.

The keys F1-F12 at the top row of the keyboard are function keys for multi-media control, as indicated by the icon at the bottom of the key. Press the function key to invoke the task represented by the icon. For example, pressing F1 mutes the audio (refer to the table below).

However, if the function keys F1-F12 are needed for specific software applications, multi-media functionality can be disabled by pressing **Fn + Esc**. Subsequently, multi-media control can be invoked by pressing **Fn** and the respective function key. For example, mute audio by pressing **Fn + F1**.

 **NOTE:** You can also define the primary behavior of the function keys (F1–F12) by changing **Function Key Behavior** in BIOS setup program.

Table 16. List of keyboard shortcuts

Function key	Primary behavior
F1	Mute audio
F2	Decrease volume
F3	Increase volume
F4	Mute mic
F5	Click keyboard backlight (optional).  NOTE: Non-backlight keyboards have F5 function key without the backlight icon and do not support toggle keyboard backlight function.

Table 16. List of keyboard shortcuts (continued)

Function key	Primary behavior
	 NOTE: Toggle to cycle the keyboard backlight status through off, low-backlight, and high-backlight
F6	Decrease brightness
F7	Increase brightness
F8	Switch to external display
F10	Print screen
F11	Home
F12	End

The **Fn** key is also used with selected keys on the keyboard to invoke other secondary functions.

Table 17. Secondary behavior

Function key	Secondary behavior
Fn + F1	Operating system and application specific F1 behavior
Fn + F2	Operating system and application specific F2 behavior
Fn + F3	Operating system and application specific F3 behavior
Fn + F4	Operating system and application specific F4 behavior
Fn + F5	Operating system and application specific F5 behavior
Fn + F6	Operating system and application specific F6 behavior
Fn + F7	Operating system and application specific F7 behavior
Fn + F8	Operating system and application specific F8 behavior
Fn + F10	Operating system and application specific F10 behavior
Fn + F11	Operating system and application specific F11 behavior
Fn + F12	Operating system and application specific F12 behavior
Fn + PrtScr	Turn off/on wireless
Fn + B	Pause
Fn + Ctrl + B	Break
Fn + Insert	Sleep
Fn + S	Toggle scroll lock
Fn + H	Toggle between power and battery-status light/hard-drive activity light
Fn + R	System request
Fn + Ctrl	Open application menu
Fn + Esc	Toggle Fn-key lock
Fn + PgUp	Page up
Fn + PgDn	Page down
Fn + Home	Home
Fn + End	End
Fn + Right Ctrl	Shortcut/Secondary menu assigned to right Ctrl key

Table 17. Secondary behavior (continued)

Function key	Secondary behavior
Fn + Shift + B	Calls unobtrusive mode NOTE:  The key sequence will call unobtrusive mode. The hotkey sequence will be disabled by default to prevent accidental actuation. You may enable through BIOS setup option.

Camera

The following table lists the camera specifications of your Latitude 3550.

Table 18. Camera specifications

Description		Values
Number of cameras		Two
Camera type		• HD RGB • FHD RGB • FHD RGB + IR
Camera location		Front camera
Camera sensor type		CMOS sensor technology
Camera resolution:		
	Still image	• 0.92 megapixels (HD) • 2.07 megapixels (FHD)
	Video	• 1280 x 720 (HD) at 30 fps • 1920 x 1080 (FHD) at 30 fps
Infrared camera resolution:		
	Still image	0.23 megapixel
	Video	640 x 360 at 15 fps
Diagonal viewing angle:		
	Camera	• 78.60 degrees (HD) • 80.20 degrees (FHD)
	Infrared camera	86.60 degrees

Touchpad

The following table lists the touchpad specifications of your Latitude 3550.

Table 19. Touchpad specifications

Description	Values
Touchpad resolution:	>300 dpi
Touchpad dimensions:	

Table 19. Touchpad specifications (continued)

Description		Values
	Horizontal	115 mm (4.52 in.)
	Vertical	67 mm (2.63 in.)
Touchpad gestures		For more information about touchpad gestures available on Windows, see the Microsoft Knowledge Base article at Microsoft Support Site .

Power adapter

The following table lists the power adapter specifications of your Latitude 3550.

Table 20. Power adapter specifications

Description		Option one	Option two	Option three	Option four
Type		60W AC adapter, small form factor, USB Type-C, 2-pin (Japan)	65W AC adapter, 4.5 mm barrel, E4	65W AC adapter, USB Type-C, EcoDesign	100W AC adapter, USB Type-C, E5
Connector dimensions:					
	External diameter	N/A	4.50 mm	N/A	N/A
	Internal diameter	N/A	2.90 mm	N/A	N/A
Input voltage		100 VAC to 240 VAC	100 VAC - 240 VAC	100 VAC - 240 VAC	100 VAC - 240 VAC
Input frequency		50 Hz to 60 Hz	50 Hz - 60 Hz	50 Hz - 60 Hz	50 Hz - 60 Hz
Input current (maximum)		1.70 A	1.60 A/1.70 A	1.70 A	1.70 A
Output current (continuous)		20 V/3 A 15 V/3 A 9 V/3 A 5 V/3 A	3.34 A	20 V/3.25 A (continuous) 15 V/3 A (continuous) 9.0 V/3 A (continuous) 5.0 V/3 A (continuous)	20 V/5 A (continuous) 15 V/3 A (continuous) 9.0 V/3 A (continuous) 5.0 V/3 A (continuous)
Rated output voltage		20 VDC 15 VDC 9 VDC 5 VDC	19.50 VDC	20 VDC 15 VDC 9 VDC 5 VDC	20 VDC 15 VDC 9 VDC 5 VDC
Temperature range:					
	Operating	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
	Storage	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)

Battery

The following table lists the battery specifications of your Latitude 3550.

Table 21. Battery specifications

Description		Option one	Option two	Option three	Option four
Battery type		3-cell, 42 Wh, ExpressCharge, ExpressCharge Boost Capable	3-cell, 54 Wh, ExpressCharge, ExpressCharge Boost Capable	3-cell, 42 Wh, ExpressCharge, Long Life Cycle, 3-year limited hardware warranty	3-cell, 54 Wh, ExpressCharge, Long Life Cycle, 3-year limited hardware warranty
Battery voltage		11.4 VDC	11.4 VDC	11.4 VDC	11.4 VDC
Battery weight (maximum)		0.19 kg	0.22 kg	0.19 kg	0.22 kg
Battery dimensions:					
	Height	5.73 mm (0.22 in.)	5.73 mm (0.22 in.)	5.73 mm (0.22 in.)	5.73 mm (0.22 in.)
	Width	263 mm (10.35 in.)	263 mm (10.35 in.)	263 mm (10.35 in.)	263 mm (10.35 in.)
	Depth	79.42 mm (3.12 in.)	79.42 mm (3.12 in.)	79.42 mm (3.12 in.)	79.42 mm (3.12 in.)
Temperature range:					
	Operating	0°C to 45°C (32°F to 113°F)	0°C to 45°C (32°F to 113°F)	0°C to 45°C (32°F to 113°F)	0°C to 45°C (32°F to 113°F)
	Storage	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Battery 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.	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Battery charging time (approximate)		0~15°C—4 hours (when the computer is off) 16~45°C—2 hours (when the computer is off) 46~50°C—3 hours (when the computer is off)	0~15°C—4 hours (when the computer is off) 16~45°C—2 hours (when the computer is off) 46~50°C—3 hours (when the computer is off)	0~15°C—4 hours (when the computer is off) 16~45°C—2 hours (when the computer is off) 46~50°C—3 hours (when the computer is off)	0~15°C—4 hours (when the computer is off) 16~45°C—2 hours (when the computer is off) 46~50°C—3 hours (when the computer is off)
Coin-cell battery		CR2032	CR2032	CR2032	CR2032
 CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.					

Table 21. Battery specifications (continued)

Description	Option one	Option two	Option three	Option four
 CAUTION: Dell recommends that you charge the battery regularly for optimal power consumption. If your battery charge is completely depleted, connect the power adapter, turn on your computer, and then restart your computer to reduce the power consumption.				

Display

The following table lists the display specifications of your Latitude 3550.

Table 22. Display specifications

Description		Option one	Option two	Option three
Display type		15.6-inch, High Definition (HD)	15.6-inch, Full High Definition (FHD)	15.6-inch, Full High Definition (FHD)
Touch options		No	No	Yes
Color		262,144	262,144	262,144
Panel type		6 bit	6 bit	6 bit
Display-panel technology		Twisted nematic	In Plane Switching (IPS)	In Plane Switching (IPS)
Display-panel dimensions (active area):				
	Height	344.16 mm (13.55 in.)	344.16 mm (13.55 in.)	344.16 mm (13.55 in.)
	Width	193.59 mm (7.62 in.)	193.59 mm (7.62 in.)	193.59 mm (7.62 in.)
	Diagonal	394.87 mm (15.54 in.)	394.87 mm (15.54 in.)	394.87 mm (15.54 in.)
Display-panel native resolution		1366 x 768	1920 x 1080	1920 x 1080
Luminance (typical)		220 nits	250 nits	250 nits
Megapixels		1.05	2.07	2.07
Color gamut		45% (NTSC)	45% (NTSC)	45% (NTSC)
Color depth		6-bit	6-bit	6-bit
Color		262 K	262 K	262 K
Pixels Per Inch (PPI)		100	141	141
Contrast ratio (typical)		500:1	700:1	700:1
Response time (max)		25 ms	35 ms	35 ms
Refresh rate		60 Hz	60 Hz	60 Hz
Horizontal view angle		45 +/- degrees	85 +/- degrees	85 +/- degrees
Vertical view angle		35 +/- degrees	85 +/- degrees	85 +/- degrees
Pixel pitch		0.252 (H)*0.252 (V)	0.17925 (H)*0.17925 (V)	0.17925 (H)*0.17925 (V)

Table 22. Display specifications (continued)

Description	Option one	Option two	Option three
Power consumption (maximum)	4.2 W	4.6 W	4.7 W
Anti-glare vs glossy finish	Anti-glare	Anti-glare	Anti-glare

Fingerprint reader

The following table lists the fingerprint-reader specifications of your Latitude 3550.

 **NOTE:** The fingerprint reader is on the power button.

Table 23. Fingerprint reader specifications

Description	Values
Fingerprint-reader sensor technology	Capacitive
Fingerprint-reader sensor resolution	500 ppi
Fingerprint-reader sensor pixel size	108 x 88

Sensor

The following table lists the sensor of your Latitude 3550.

Table 24. Sensor

Sensor support
Adaptive Thermal Performance-Applicable only for discrete graphics

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Latitude 3550.

Table 25. GPU—Integrated

Controller	External display support	Memory size	Processor
Intel UHD Graphics	- One USB4 (20 Gbps) with Power Delivery and DisplayPort - One HDMI 1.4 port - TBT backward compatible	Shared system memory	13 th Generation Intel Core i3-1315U
Intel Iris Xe Graphics	- One USB4 (20 Gbps) with Power Delivery and DisplayPort - One HDMI 1.4 port - TBT backward compatible	Shared system memory	13th Generation Intel Core i5-1335U 13th Generation Intel Core i5-1345U 13th Generation Intel Core i7-1355U

Table 25. GPU—Integrated (continued)

Controller	External display support	Memory size	Processor
Intel Integrated Graphics	- One USB4 (20 Gbps) with Power Delivery and DisplayPort - One HDMI 2.0 port - TBT backward compatible	Shared system memory	- Intel Core Ultra 5 125U - Intel Core Ultra 5 135U - Intel Core Ultra 7 155U

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Latitude 3550.

Table 26. GPU—Discrete

Controller	Memory size	Memory type
Nvidia GeForce MX570A	2 GB	GDDR6

Multiple display support matrix

The following table lists the multiple display support matrix for your Latitude 3550.

Table 27. Multiple display support matrix

Graphics Card	Direct Graphics Controller Direct Output Mode	Supported external displays with computer internal display on	Supported external displays with computer internal display off
Intel UHD Graphics	Integrated	3	4
Intel Iris X ^e Graphics	Integrated	3	4
Intel Integrated Graphics	Integrated	3	4

Hardware security

The following table lists the hardware security of your Latitude 3550.

Table 28. Hardware security

Hardware security
One wedge-shaped lock slot
FIPS 140-2 certification for TPM
TCG Certification for TPM (Trusted Computing Group)
Chassis Intrusion Detection
BIOS - TPM clear and/or system boot lock after chassis intrusion detection
RPMC (specify via SPI Flash or eRPMC)
SPI Flash Tamper Detection / Prevention Shunt Circuit

Operating and storage environment

This table lists the operating and storage specifications of your Latitude 3550.

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

Table 29. Computer environment

Description	Operating	Storage
Temperature range	0°C to 40°C (32°F to 104°F)	-40°C to 65°C (-40°F to 149°F)
Relative humidity (maximum)	90% (non-condensing)	95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	NA
Shock (maximum)	140 G†	NA
Altitude range	-15.2 m to 3048 m (-49.8 ft to 10000 ft)	-15.2 m to 10668 m (-49.8 ft to 35000 ft)
 CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.		

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

† Measured using a 2 ms half-sine pulse.