

Latitude 5340/Latitude 5340 2-in-1

Owner's Manual

LaptopVANG.com

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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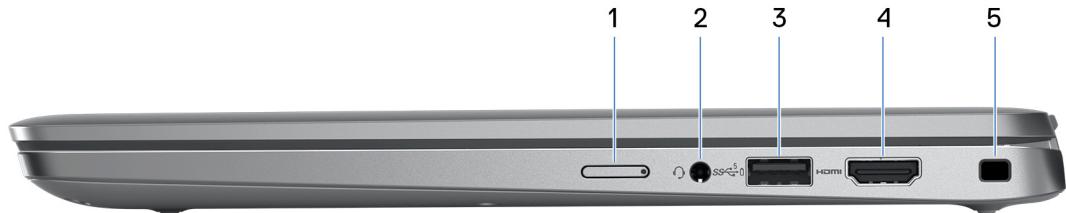
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Views of Latitude 5340/Latitude 5340 2-in-1

Right



1. Nano-SIM card slot (optional)

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

i **NOTE:** Availability of the nano-SIM card slot depends on the region and configuration ordered.

2. Universal audio jack

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

3. USB 3.2 Gen 1 Type-C port with PowerShare

Connect devices such as an external storage device, printer, Type-C docking station or an external display.

Provides data transfer speeds up to 5 Gbps. Supports Power Delivery that enables two-way power supply between devices. Provides up to 15 W power output that enables faster charging.

i **NOTE:** If the charge on your computer's battery is less than 10 percent, you must connect the power adapter to charge your computer, and USB devices connected to the PowerShare port. PowerShare enables you to charge your USB devices even when your computer is turned off.

i **NOTE:** Your computer supports USB Type-C charging. If you need an additional power adapter, search for a compatible 45 W Dell USB-C power adapter at www.dell.com.

i **NOTE:** To expand the number of ports and connectors on your computer, connect it to a USB Type-C docking station. Search for a compatible USB Type-C docking station at www.dell.com.

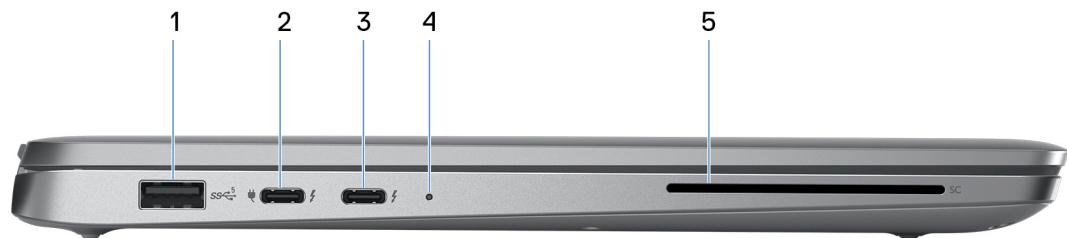
4. HDMI 2.0 port

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

5. Security-cable slot (wedge-shaped)

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

Left



1. USB 3.2 Gen 1 port

Connect devices such as external storage devices and printers. Provides data transfer speeds up to 5 Gbps.

2. Thunderbolt 4.0 with DisplayPort Alt Mode/USB Type-C/USB4/Power Delivery

Supports USB4, DisplayPort 1.4, Thunderbolt 4 and also enables you to connect to an external display using a display adapter. Provides data transfer rates of up to 40 Gbps for USB4 and Thunderbolt 4.

i **NOTE:** You can connect a Dell Docking Station to the Thunderbolt 4 ports. For more information, search in the Knowledge Base Resource at www.dell.com/support.

i **NOTE:** A USB Type-C to DisplayPort adapter (sold separately) is required to connect a DisplayPort device.

i **NOTE:** USB4 is backward compatible with USB 3.2, USB 2.0, and Thunderbolt 3.

i **NOTE:** Thunderbolt 4 supports two 4K displays or one 8K display.

3. Thunderbolt 4.0 with DisplayPort Alt Mode/USB Type-C/USB4/Power Delivery

Supports USB4, DisplayPort 1.4, Thunderbolt 4 and also enables you to connect to an external display using a display adapter. Provides data transfer rates of up to 40 Gbps for USB4 and Thunderbolt 4.

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i **NOTE:** USB4 is backward compatible with USB 3.2, USB 2.0, and Thunderbolt 3.

i **NOTE:** Thunderbolt 4 supports two 4K displays or one 8K display.

4. Power and battery-status light

Indicates the power state and battery state of the computer.

Solid white—Power adapter is connected and the battery is charging.

Solid amber—Battery charge is low or critical.

Off—Battery is fully charged.

i **NOTE:** On certain computer models, the power and battery-status light are also used for diagnostics. For more information, see the *Troubleshooting* section in your computer's Service Manual.

5. Smart card reader (optional)

Provides authentication in a corporate networks using a smart card.

Top



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.

i **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.

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

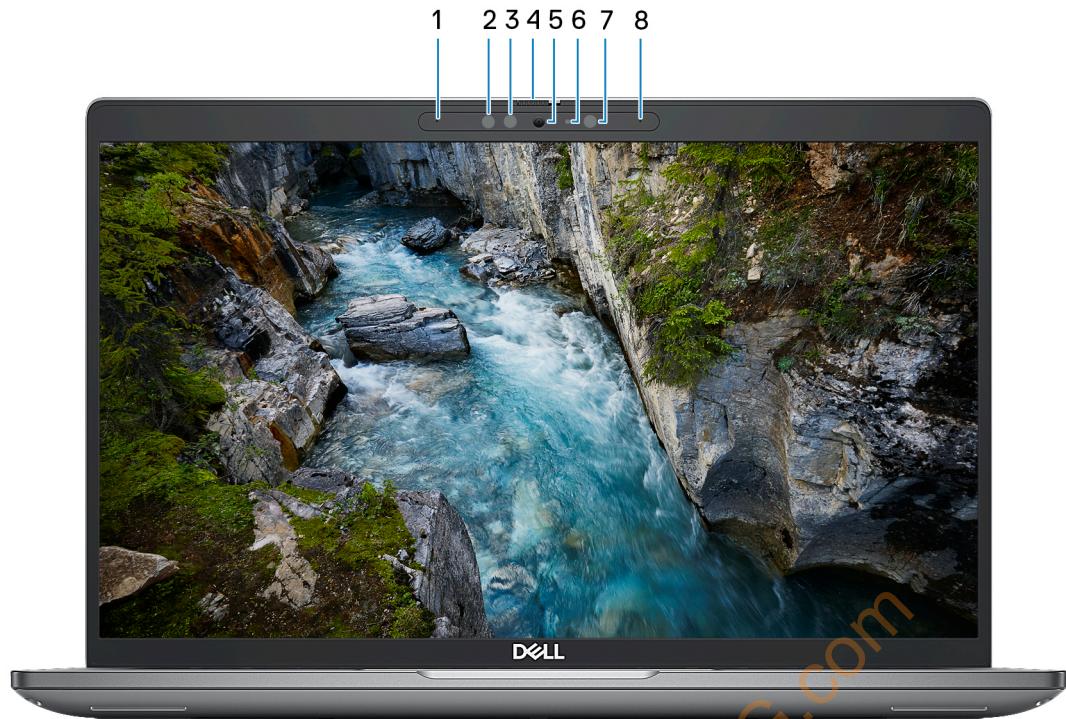
2. NFC/Contactless smart card reader (optional)

Provides contactless access of cards in corporate networks.

3. Touchpad

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

Front



1. Left microphone

Provides digital sound input for audio recording and voice calls.

2. Infrared emitter (optional)

Emits infrared light, which enables the infrared camera to sense and track motion.

3. Infrared camera (optional)

Enhances security when paired with Windows Hello face authentication.

4. Camera shutter

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

5. Camera

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

6. Camera-status light

Turns on when the camera is in use.

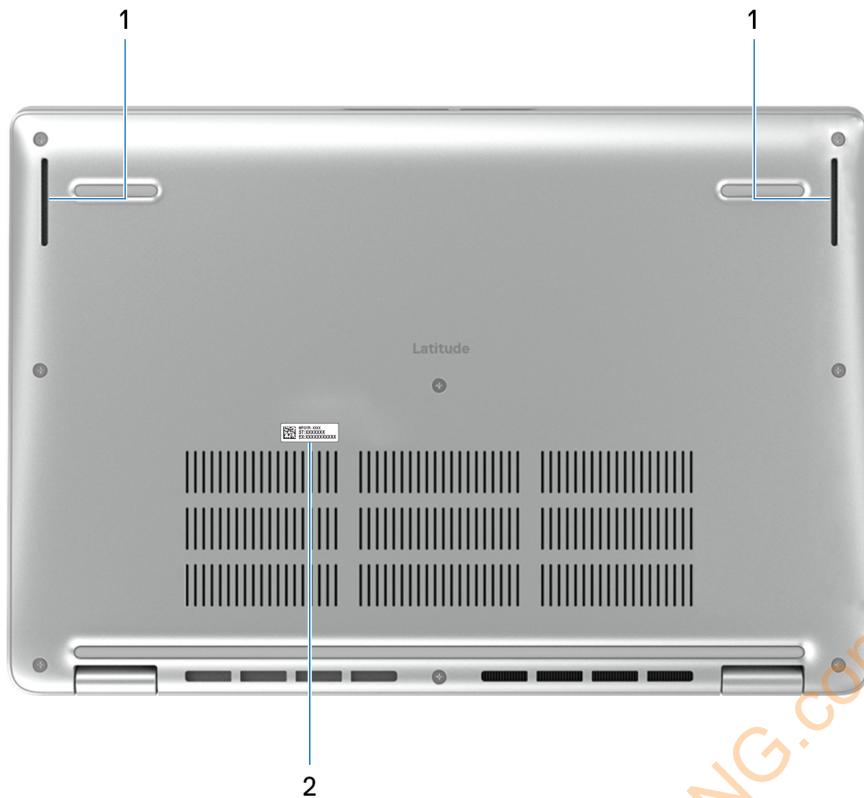
7. Ambient-light sensor

The sensor detects the ambient light and automatically adjusts the display brightness.

8. Right microphone

Provides digital sound input for audio recording and voice calls.

Bottom



1. Speakers

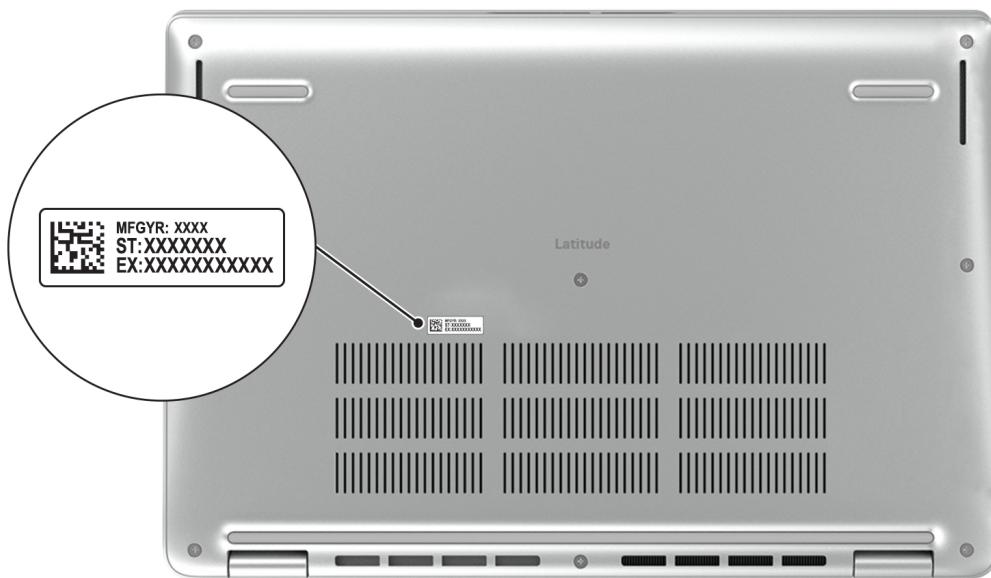
Provide audio output.

2. 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

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Modes

The following modes are applicable for your 2-in-1 computers.

Notebook



Tablet



Stand



Tent



Battery charge and status light

The following table lists the battery charge and status light behavior of your Latitude 5340/Latitude 5340 2-in-1.

Table 1. 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) - System is turned on.
- S4 (Hibernate) - The system consumes the least power compared to all other sleep states. The system is almost at an OFF state, except for a trickle power. The context data is written to hard drive.
- S5 (OFF) - The system is in a shutdown state.

Set up your Latitude 5340/Latitude 5340 2-in-1

About this task

i **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.



i **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 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 www.dell.com/support.

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.
- i** **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.

Specifications of Latitude 5340/Latitude 5340 2-in-1

Dimensions and weight

The following table lists the height, width, depth, and weight of your Latitude 5340/Latitude 5340 2-in-1.

Table 3. Dimensions and weight

Description	Values
Height:	
Front height	16.79 mm (0.66 in.)
Rear height	18.44 mm (0.73 in.)
Width	305.70 mm (12.04 in.)
Depth	207.50 mm (8.17 in.)
Weight	<ul style="list-style-type: none"> • Laptop: 1.23 kg (2.71 lb) • 2-in-1: 1.35 kg (2.97 lb)
(i) NOTE: The weight of your computer depends on the configuration ordered and manufacturing variability.	

Processor

The following table lists the details of the processors supported by your Latitude 5340/Latitude 5340 2-in-1.

Table 4. Processor

Description	Option one	Option two	Option three	Option four
Processor type	13 th Generation Intel Core i3-1315U	13 th Generation Intel Core i5-1335U	13 th Generation Intel Core i5-1345U vPro	13 th Generation Intel Core i7-1365U vPro
Processor wattage	15 W	15 W	15 W	15 W
Processor total core count	6	10	10	10
Performance-cores	2	2	2	2
Efficient-cores	4	8	8	8
Processor total thread counts	8	12	12	12
(i) NOTE: Intel Hyper-Threading Technology is only available on Performance-cores.				

Table 4. Processor (continued)

Description	Option one	Option two	Option three	Option four
Processor speed	Up to 4.50 GHz	Up to 4.60 GHz	Up to 4.70 GHz	Up to 5.20 GHz
Performance-cores frequency				
Processor base frequency	1.20 GHz	1.30 GHz	1.60 GHz	1.80 GHz
Maximum turbo frequency	4.50 GHz	4.60 GHz	4.70 GHz	5.20 GHz
Efficient-cores frequency				
Processor base frequency	0.9 GHz	0.9 GHz	1.20 GHz	1.30 GHz
Maximum turbo frequency	3.30 GHz	3.40 GHz	3.50 GHz	3.90 GHz
Processor cache	10 MB	12 MB	12 MB	12 MB
Integrated graphics	Intel UHD Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics

Chipset

The following table lists the details of the chipset supported by your Latitude 5340/Latitude 5340 2-in-1.

Table 5. Chipset

Description	Values
Chipset	Integrated in the processor
Processor	13 th Generation Intel Core i3/i5/i7 processors
DRAM bus width	64-bit (for dual-channel)
Flash EPROM	<ul style="list-style-type: none"> • vPro: 16 MB + 32 MB • Non-vPro: 32 MB
PCIe bus	Up to Gen 4.0

Operating system

Your Latitude 5340/Latitude 5340 2-in-1 supports the following operating systems:

- Windows 11 Home
- Windows 11 Pro
- Windows 11 Pro Downgrade (Windows 10 Pro Image-factory installed + Windows 11 Pro DPK)
- Ubuntu Linux 22.04 LTS (applicable only for Latitude 5340 laptop and not for the 2-in-1 configuration)

Memory

The following table lists the memory specifications of your Latitude 5340/Latitude 5340 2-in-1.

Table 6. Memory specifications

Description	Values
Memory slots	Dual-channel on-board memory i NOTE: Memory cannot be upgraded
Memory type	LPDDR5
Memory speed	4800 MT/s
Maximum memory configuration	32 GB
Minimum memory configuration	8 GB
Memory size per slot	8 GB, 16 GB, or 32 GB
Memory configurations supported	<ul style="list-style-type: none">• 8 GB, LPDDR5, 4800 MT/s, dual-channel• 16 GB, LPDDR5, 4800 MT/s, dual-channel• 32 GB, LPDDR5, 4800 MT/s, dual-channel

External ports

The following table lists the external ports on your Latitude 5340/Latitude 5340 2-in-1.

Table 7. External ports

Description	Values
USB ports	<ul style="list-style-type: none">• One USB 3.2 Gen 1 port• One USB 3.2 Gen 1 port with PowerShare• Two Thunderbolt 4 port with DisplayPort Alt Mode/USB Type-C/USB4/Power Delivery i NOTE: You can connect a Dell Docking Station to this port. For more information, search in the Knowledge Base Resource at www.dell.com/support .
Audio port	One Universal audio jack
Video port/ports	One HDMI 2.0 port
Media-card reader	Not supported
Power-adapter port	USB Type-C power input
Security-cable slot	One security-cable slot (wedge-shaped)

Internal slots

The following table lists the internal slots of your Latitude 5340/Latitude 5340 2-in-1.

Table 8. Internal slots

Description	Values
M.2	<ul style="list-style-type: none">One M.2 2230 slot for WiFi and Bluetooth cardOne M.2 2230 slot for solid-state drive <p>(i) NOTE: To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at www.dell.com/support.</p>

Wireless module

The following table lists the Wireless Local Area Network (WLAN) modules that are supported on your Latitude 5340/Latitude 5340 2-in-1.

Table 9. Wireless module specifications

Description	Option one	Option two
Model number	Realtek RTL8852BE	Intel AX211
Transfer rate	Up to 1201 Mbps	Up to 2400 Mbps
Frequency bands supported	2.4 GHz/5 GHz	2.4 GHz/5 GHz/6 GHz
Wireless standards	<ul style="list-style-type: none">Wi-Fi 802.11a/b/gWi-Fi 4 (WiFi 802.11n)Wi-Fi 5 (WiFi 802.11ac)Wi-Fi 6 (WiFi 802.11ax)	<ul style="list-style-type: none">Wi-Fi 802.11a/b/gWi-Fi 4 (WiFi 802.11n)Wi-Fi 5 (WiFi 802.11ac)Wi-Fi 6E (WiFi 802.11ax) <p>(i) NOTE: Wi-Fi 6 is supported in regions where Wi-Fi 6E is unavailable.</p>
Encryption	<ul style="list-style-type: none">64-bit/128-bit WEPAES-CCMPTKIP	<ul style="list-style-type: none">64-bit/128-bit WEPAES-CCMPTKIP
Bluetooth wireless card	Bluetooth 5.3	Bluetooth 5.3
	<p>(i) NOTE: The version of the Bluetooth wireless card may vary depending on the operating system that is installed on your computer.</p>	

WWAN module

The following table lists the Wireless Wide Area Network (WWAN) module supported on your Latitude 5340/Latitude 5340 2-in-1.

Table 10. WWAN module specifications

Description	Option one	Option two
Model number	Intel 7560R (DW5823e, DW5823e-eSIM)	Intel 5000 Global 5G Modem

Table 10. WWAN module specifications (continued)

Description	Option one	Option two
Form factor	M.2 3042 Key-B	M.2 3042 Key-B
Host interface	PCIe Gen2	PCIe Gen3
Network standard	LTE FDD/TDD, WCDMA/HSPA+, GPS/BDS/Glonass/Galileo	LTE FDD/TDD, WCDMA/HSPA+, GNSS/Beidou NR FR1(Sub6) FDD/TDD, LTE FDD/TDD, WCDMA/HSPA+, GPS/Glonass/Galileo/BDS/QZSS
Transfer data rate	<ul style="list-style-type: none"> • LTE FDD 1 Gbps DL(Cat16)/150 Mbps UL(Cat13) • LTE TDD 756 Mbps DL(Cat16)/90 Mbps UL(Cat13) • UMTS 384 Kbps DL/384 Kbps UL • HSPA+ 42 Mbps DL/5.76 Mbps UL 	<ul style="list-style-type: none"> • SA: DL 4.67 Gbps/UL 1.25 Gbps • NSA: DL 3.74 Gbps/UL 700 Mbps • LTE: DL 1.6 Gbps (CAT19)/UL 150 Mbps • UMTS: DL 384 kbps/UL 384 kbps DL DC-HSPA+: 42 Mbps (CAT24)/UL 11.5 Mbps (CAT7)
Operating frequency bands	<ul style="list-style-type: none"> • FDD-LTE: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/66/71 • TDD-LTE: B34/38/39/40/41(HPUE)/42/43/48, LAA B46 receiver only • WCDMA/HSPA+: B1/2/4/5/8 	<ul style="list-style-type: none"> • NR (n1, n2, n3, n5, n7, n8, n20, n25, n28, n30, n38, n40, n41, n48, n66, n71, n77, n78, n79) • LTE (B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B43, B46, B48, B66, B71) • WCDMA/HSPA+ (1, 2, 4, 5, 8)
Power supply	DC 3.135 V to 4.4 V, Typical 3.3 V	DC 3.135 V to 4.4 V, Typical 3.3 V
SIM card	Supported through external SIM slot	Supported through external SIM slot
eSIM with dual SIM (DSSA)	Supported	Supported
Antenna diversity	Supported	Supported
Radio On/Off	Supported	Supported
Wake on wireless	Supported	Supported
Temperature	<ul style="list-style-type: none"> • Normal operating temperature: -10°C to + 55°C • Extended Operating temperature: -20°C to +65°C 	<ul style="list-style-type: none"> • Normal operating temperature: -10°C to + 55°C • Extended Operating temperature: -20°C to +65°C
Antenna connector	<ul style="list-style-type: none"> • WWAN Main Antenna x 1 • WWAN Diversity Antenna x 1 • 4 x 4 MIMO Antenna x 2 	<ul style="list-style-type: none"> • WWAN Main Antenna x 1 • WWAN Diversity Antenna x 1 • 4 x 4 MIMO Antenna x 2
<p>(i) NOTE: For instructions on how to find your computer's IMEI (International Mobile Station Equipment Identity) number, search in the Knowledge Base Resource at www.dell.com/support.</p>		

Audio

The following table lists the audio specifications of your Latitude 5340/Latitude 5340 2-in-1.

Table 11. Audio specifications

Description	Values
Audio controller	Realtek Waves, MaxxAudio 12.0
Stereo conversion	Supported
Internal audio interface	High definition audio interface
External audio interface	Universal audio jack
Number of speakers	Two
Internal-speaker amplifier	Supported (audio codec integrated)
External volume controls	Keyboard shortcut controls
Speaker output:	
Average speaker output	2 W
Peak speaker output	2 W
Subwoofer output	Not supported
Microphone	Dual-array microphones

Storage

This section lists the storage options on your Latitude 5340/Latitude 5340 2-in-1.

Table 12. Storage specifications

Storage type	Interface type	Capacity
M.2 2230, Class 25 SSD	PCIe NVMe Gen4 x4, up to 64 Gb/s	2 TB
M.2 2230, Class 35 SSD	PCIe NVMe Gen4 x4, up to 64 Gb/s	1 TB
M.2 2230, Class 35 SSD	PCIe NVMe Gen4 x4, up to 64 Gb/s	512 GB
M.2 2230, Class 35 SSD	PCIe NVMe Gen4 x4, up to 64 Gb/s	256 GB
M.2 2230, Class 35 SSD, self-encrypting drive	PCIe NVMe Gen4 x4, up to 64 Gb/s	256 GB

Keyboard

The following table lists the keyboard specifications of your Latitude 5340/Latitude 5340 2-in-1.

Table 13. Keyboard specifications

Description	Values
Keyboard type	<ul style="list-style-type: none">Standard backlit keyboardStandard non-backlit keyboard
Keyboard layout	QWERTY
Number of keys	<ul style="list-style-type: none">United States and Canada: 79 keysUnited Kingdom: 80 keysJapan: 83 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. For more information, see Keyboard function keys . NOTE: You can define the primary behavior of the function keys (F1–F12) by changing Function Key Behavior in BIOS setup program.

Keyboard function keys

The **F1–F12** keys at the top of the keyboard are function keys. By default, these keys are used to perform specific functions defined by the software application in use.

You can run the secondary tasks that are indicated by the symbols on the function keys by pressing the function key with **fn**, for example, **fn** and **F1**. See the table below for the list of secondary tasks and the key combinations to run them.

NOTE: Keyboard characters may differ depending on the keyboard language configuration. Keys that are used for tasks remain the same, regardless of the keyboard language.

NOTE: You can define the primary behavior of function keys in the **Function Key Behavior** menu of the BIOS setup program.

Table 14. Secondary tasks of keyboard keys

Key combination for task	What the task does
fn and F1	Operating system and application specific F1 behavior
fn and F2	Operating system and application specific F2 behavior
fn and F3	Operating system and application specific F3 behavior
fn and F4	Operating system and application specific F4 behavior
fn and F5	Operating system and application specific F5 behavior
fn and F6	Operating system and application specific F6 behavior
fn and F8	Operating system and application specific F8 behavior
fn and F9	Operating system and application specific F9 behavior

Table 14. Secondary tasks of keyboard keys (continued)

Key combination for task	What the task does
fn and F10	Operating system and application specific F10 behavior
fn and F11	Operating system and application specific F11 behavior
fn and F12	Operating system and application specific F12 behavior
fn and Right Ctrl	Open application menu
fn and PgUp	Page up
fn and PgDn	Page down

Keys with alternate characters

There are other keys on your keyboard with alternate characters. 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.

Camera

The following table lists the camera specifications of your Latitude 5340/Latitude 5340 2-in-1.

Table 15. Camera specifications

Description	Option one	Option two	Option three
Number of cameras	One	One	One
Camera type	FHD RGB camera	FHD RGB + IR camera	FHD RGB + IR camera with Ambient light sensor, and Express Sign-In with Presence Detection and Intelligent Privacy
Camera location	Front camera	Front camera	Front camera
Camera sensor type	CMOS sensor technology	CMOS sensor technology	CMOS sensor technology
Camera resolution:			
Still image	2.07 megapixel	2.07 megapixel	2.07 megapixel
Video	1920 x 1080 (FHD) at 30 fps	1920 x 1080 (FHD) at 30 fps	1920 x 1080 (FHD) at 30 fps
Infrared camera resolution:			
Still image	0.23 megapixel	0.23 megapixel	0.23 megapixel
Video	640 x 360 at 30 fps	640 x 360 at 30 fps	640 x 360 at 30 fps
Diagonal viewing angle:			
Camera	80 degrees	80 degrees	80 degrees
Infrared camera	86.60 degrees	86.60 degrees	86.60 degrees

Touchpad

The following table lists the touchpad specifications of your Latitude 5340/Latitude 5340 2-in-1.

Table 16. Touchpad specifications

Description	Values
Touchpad resolution:	>=300 dpi
Touchpad dimensions:	
Horizontal	115 mm (4.53 in.)
Vertical	67 mm (2.64 in.)
Touchpad gestures	For more information about touchpad gestures available on: <ul style="list-style-type: none"> • Windows, see the Microsoft knowledge base article at support.microsoft.com • Ubuntu, see ubuntu.com/support

Power adapter

The following table lists the power adapter specifications of your Latitude 5340/Latitude 5340 2-in-1.

Table 17. Power adapter specifications

Description	Option one	Option two	Option three	Option four
Type	60 W AC adapter, USB-C	60 W AC adapter, USB-C, 2-pin	65 W AC adapter, USB-C	100 W AC adapter, USB-C
Power-adapter dimensions:				
Height	22 mm (0.87 in.)	22 mm (0.87 in.)	28 mm (1.10 in.)	26.50 mm (1.04 in.)
Width	55 mm (2.16 in.)	55 mm (2.16 in.)	51 mm (2.01 in.)	60 mm (2.36 in.)
Depth	66 mm (2.60 in.)	66 mm (2.60 in.)	112 mm (4.41 in.)	122 mm (4.80 in.)
Input voltage	100 VAC–240 VAC	100 VAC–240 VAC	100 VAC–240 VAC	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz	50 Hz–60 Hz	50 Hz to 60 Hz	50 Hz to 60 Hz
Input current (maximum)	1.70 A	1.70 A	1.70 A	1.70 A
Output current (continuous)	<ul style="list-style-type: none"> • 20 V/3 A (Continuous) • 15 V/3 A (Continuous) • 9 V/3 A (Continuous) • 5 V/3 A (Continuous) 	<ul style="list-style-type: none"> • 20 V/3 A (Continuous) • 15 V/3 A (Continuous) • 9 V/3 A (Continuous) • 5 V/3 A (Continuous) 	<ul style="list-style-type: none"> • 20 V/3.25 A (Continuous) • 15 V/3 A (Continuous) • 9 V/3 A (Continuous) • 5 V/3 A (Continuous) 	<ul style="list-style-type: none"> • 20 V/5 A (Continuous) • 15 V/3 A (Continuous) • 9 V/3 A (Continuous) • 5 V/3 A (Continuous)
Rated output voltage	20 VDC/15 VDC/9 VDC/5 VDC	20 VDC/15 VDC/9 VDC/5 VDC	20 VDC/15 VDC/9 VDC/5 VDC	20 VDC/15 VDC/9 VDC/5 VDC
Temperature range:				

Table 17. Power adapter specifications (continued)

Description	Option one	Option two	Option three	Option four
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	-20°C to 70°C (-4°F to 158°F)	-20°C to 70°C (-4°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
⚠ 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.				

Battery

The following table lists the battery specifications of your Latitude 5340/Latitude 5340 2-in-1.

Table 18. Battery specifications

Description	Option one	Option two	Option three	Option four
Battery type	3 cell, 42 Wh, ExpressCharge, ExpressCharge Boost	3 cell, 42 Wh, Long Cycle Life, ExpressCharge	3 cell, 54 Wh, ExpressCharge, ExpressCharge Boost	3 cell, 54 Wh, Long Cycle Life, ExpressCharge
Battery voltage	11.40 VDC	11.40 VDC	11.40 VDC	11.40 VDC
Battery weight (minimum)	0.19 kg (0.41 lb)	0.19 kg (0.41 lb)	0.22 kg (0.48 lb)	0.22 kg (0.48 lb)
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	68.90 mm (2.71 in.)	68.90 mm (2.71 in.)	68.90 mm (2.71 in.)	68.90 mm (2.71 in.)
Temperature range:				
Operating	<ul style="list-style-type: none"> Charge: 0°C to 45°C (32°F to 113°F) Discharge: 0°C to 70°C (32°F to 158°F) 	<ul style="list-style-type: none"> Charge: 0°C to 45°C (32°F to 113°F) Discharge: 0°C to 70°C (32°F to 158°F) 	<ul style="list-style-type: none"> Charge: 0°C to 45°C (32°F to 113°F) Discharge: 0°C to 70°C (32°F to 158°F) 	<ul style="list-style-type: none"> Charge: 0°C to 45°C (32°F to 113°F) Discharge: 0°C to 70°C (32°F to 158°F)
Storage	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°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) (i) NOTE: Control the charging time, duration, start and end time, and so on using the	Express Charge Method: <ul style="list-style-type: none"> 0°C to 15°C maximum allowable charge time from 	Standard Charge/ Predominately AC User Charge Method: <ul style="list-style-type: none"> 0°C to 15°C maximum allowable charge time from 	Express Charge Method: <ul style="list-style-type: none"> 0°C to 15°C maximum allowable charge time from 	Standard Charge/ Predominately AC User Charge Method: <ul style="list-style-type: none"> 0°C to 15°C maximum allowable charge time from

Table 18. Battery specifications (continued)

Description	Option one	Option two	Option three	Option four
Dell Power Manager application. For more information on the Dell Power Manager see, <i>Me and My Dell</i> on www.dell.com .	<p>0% to 100% RSOC is 4 hours</p> <ul style="list-style-type: none"> • 16°C to 45°C normal express charge • 46°C to 50°C maximum allowable charge time from 0% to 100% RSOC is 3 hours <p>Standard Charge/ Predominately AC User Charge Method:</p> <ul style="list-style-type: none"> • 0°C to 15°C maximum allowable charge time from 0% to 100% RSOC is 4 hours • 16°C to 50°C maximum allowable charge time from 0% to 100% RSOC is 3 hours <p>Express Charge Boost Charge Method (Fast Charge for Initial 35%):</p> <ul style="list-style-type: none"> • 16°C to 45°C target charge time from 0% to 35% RSOC is 20 mins for Accelerated Charge 	<p>charge time from 0% to 100% RSOC is 4 hours</p> <ul style="list-style-type: none"> • 16°C to 50°C maximum allowable charge time from 0% to 100% RSOC is 3 hours 	<p>0% to 100% RSOC is 4 hours</p> <ul style="list-style-type: none"> • 16°C to 45°C normal express charge • 46°C to 50°C maximum allowable charge time from 0% to 100% RSOC is 3 hours <p>Standard Charge/ Predominately AC User Charge Method:</p> <ul style="list-style-type: none"> • 0°C to 15°C maximum allowable charge time from 0% to 100% RSOC is 4 hours • 16°C to 50°C maximum allowable charge time from 0% to 100% RSOC is 3 hours <p>Express Charge Boost Charge Method (Fast Charge for Initial 35%):</p> <ul style="list-style-type: none"> • 16°C to 45°C target charge time from 0% to 35% RSOC is 20 mins for Accelerated Charge 	<p>charge time from 0 to 100% RSOC is 4 hours</p> <ul style="list-style-type: none"> • 16°C to 50°C maximum allowable charge time from 0 to 100% RSOC is 3 hours
Coin-cell battery	Supported	Supported	Supported	Supported

 **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.

 **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 5340/Latitude 5340 2-in-1.

Table 19. Display specifications

Description	Option one	Option two	Option three	Option for 2-in-1 only
Display type	Full High Definition (FHD)	Full High Definition (FHD), ComfortView Plus Low Blue Light, Battery saving	Full High Definition (FHD)	Full High Definition (FHD)

Table 19. Display specifications (continued)

Description	Option one	Option two	Option three	Option for 2-in-1 only
Display-panel technology	In-Plane Switching (IPS)	In-Plane Switching (IPS)	In-Plane Switching (IPS)	In-Plane Switching (IPS)
Display-panel dimensions (active area):				
Height	165.24 mm (6.51 in.)			
Width	293.76 mm (11.57 in.)			
Diagonal	337.08 mm (13.27 in.)			
Display-panel native resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Luminance (typical)	250 nits	400 nits	300 nits	270 nits
Megapixels	2073600	2073600	2073600	2073600
Color gamut	45% NTSC typical	100% sRGB typical	72% NTSC typical	72% NTSC typical
Pixels Per Inch (PPI)	166	166	166	166
Contrast ratio (typical)	800:1	1000:1	700:1	800:1
Response time (max)	35 ms	35 ms	35 ms	35 ms
Refresh rate	60 Hz	60 Hz	60 Hz	60 Hz
Horizontal view angle	80/80 min. 85/85 typ. +/- degrees	80/80 min. 85/85 typ. +/- degrees	80/80 min. 85/85 typ. +/- degrees	80/80 min. 85/85 typ. +/- degrees
Vertical view angle	80/80 min. 85/85 typ. +/- degrees	80/80 min. 85/85 typ. +/- degrees	80/80 min. 85/85 typ. +/- degrees	80/80 min. 85/85 typ. +/- degrees
Pixel pitch	0.153 x 0.153 mm			
Power consumption (maximum)	3.5 W@Mosaic	2.52 W@Mosaic	4.4 W@Mosaic	4.5 W@Mosaic
Anti-glare vs glossy finish	Anti-glare	Anti-glare	Anti-glare	(DXC) Anti-reflection/Anti-smudge
Touch options	No	No	Yes	Yes

Fingerprint reader (optional)

The following table lists the specifications of the optional fingerprint-reader of your Latitude 5340/Latitude 5340 2-in-1.

Table 20. Fingerprint reader specifications

Description	Values
Fingerprint-reader sensor technology	Capacitive

Table 20. Fingerprint reader specifications (continued)

Description	Values
Fingerprint-reader sensor resolution	500 dpi
Fingerprint-reader sensor pixel size	108 x 88

Sensor

The following table lists the sensor of your Latitude 5340/Latitude 5340 2-in-1.

Table 21. Sensor

Sensor support
Ambient Light Sensor on the hinge-up (optional)
P-sensor on the hinge-up (optional)
1 Accelerometer in the base (system board) for both laptop and 2-in-1
1 Accelerometer (Accelerometer + Gyro) in the hinge-up sensor board (Upsell on laptops with Proximity/ALS/IR camera and 100% attached on 2-in-1)

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Latitude 5340/Latitude 5340 2-in-1.

Table 22. GPU—Integrated

Controller	Memory size	Processor
Intel Iris Xe Graphics	Dual-channel memory	13 th Generation Intel Core i5/i7 processors
Intel UHD Graphics	Single-channel memory	13 th Generation Intel Core i3 processor

Hardware security

The following table lists the hardware security of your Latitude 5340/Latitude 5340 2-in-1.

Table 23. Hardware security

Hardware security
Windows Hello - Fingerprint Reader (optional)
Trusted Platform Module (TPM) 2.0 FIPS 140-2 Certified
TCG Certification for TPM (Trusted Computing Group)
One wedge-shaped lock slot
Fingerprint Reader in Power Button tied to ControlVault 3
ControlVault 3 Advanced Authentication (optional) FIPS 140-2 Level 3 Certified
Contacted Smart-card reader with Control Vault 3 (optional)
Contactless Smart-card, NFC/FPR with CV3 (optional)
NVMe SED SSD (Opal 2.0) and NVMe Non SED SSD as per SDL

Smart-card reader

Contactless smart-card reader

This section lists the contactless smart-card reader specifications of your Latitude 5340/Latitude 5340 2-in-1.

Table 24. Contactless smart-card reader specifications

Title	Description	Dell ControlVault 3 contactless smart-card reader with NFC
Felica Card Support	Reader and software capable of supporting Felica contactless cards	Yes
ISO 14443 Type A Card Support	Reader and software capable of supporting ISO 14443 Type A contactless cards	Yes
ISO 14443 Type B Card Support	Reader and software capable of supporting ISO 14443 Type B contactless cards	Yes
ISO/IEC 21481	Reader and software capable of supporting ISO/IEC 21481 compliant contactless cards and tokens	Yes
ISO/IEC 18092	Reader and software capable of supporting ISO/IEC 21481 compliant contactless cards and tokens	Yes
ISO 15693 Card Support	Reader and software capable of supporting ISO15693 contactless cards	Yes
NFC Tag Support	Supports reading and processing of NFC compliant tag information	Yes
NFC Reader Mode	Support for NFC Forum Defined Reader mode	Yes
NFC Writer Mode	Support for NFC Forum Defined Writer mode	Yes
NFC Peer-to-Peer Mode	Support for NFC Forum Defined Peer to Peer mode	Yes
EMVCo Compliant	Compliant with EMVCO smart-card standards as posted to www.emvco.com	Yes
EMVCo Certified	Formally certified based on EMVCO smart-card standards	Yes
NFC Proximity OS Interface	Enumerates NFP (Near Field Proximity) device for OS to utilize	Yes
PC/SC OS interface	Personal Computer/Smart-card specification for integration of hardware readers into personal computer environments	Yes
CCID driver compliance	Common driver support for Integrated Circuit Card Interface Device for OS level drivers	Yes
Windows Certified	Device certified by Microsoft WHCK	Yes
Dell ControlVault support	Device connects to Dell ControlVault for usage and processing	Yes

Table 24. Contactless smart-card reader specifications (continued)

Title	Description	Dell ControlVault 3 contactless smart-card reader with NFC
FIDO2 compliance	Dell ControlVault 3 Smart-card reader is compliant with the FIDO SPEC	Yes

 **NOTE:** 125 kHz proximity cards are not supported.

Table 25. Supported cards

Manufacturer	Card
HID	jCOP readertest3 A card (14443a)
	1430 1L
	DESFire D8H
	iClass (Legacy)
	iClass SEOS
NXP/Mifare	Mifare DESFire 8K White PVC card
	Mifare Classic 1K White PVC card
	NXP Mifare Classic S50 ISO card
G&D	idOnDemand - SCE3.2 144K
	SCE6.0 FIPS 80K Dual+ 1 K Mifare
	SCE6.0 nonFIPS 80K Dual+ 1 K Mifare
	SCE6.0 FIPS 144K Dual + 1K Mifare
	SCE6.0 nonFIPS 144K Dual + 1 K Mifare
	SCE7.0 FIPS 144K
Oberthur	idOnDemand - OCS5.2 80K
	ID-One Cosmo 64 RSA D V5.4 T=0 card

Contacted smart-card reader

The following table lists the contacted smart-card reader specifications of your Latitude 5340/Latitude 5340 2-in-1.

Table 26. Contacted smart-card reader specifications

Title	Description	Dell ControlVault 3 smart-card reader
ISO 7816 -3 Class A Card Support	Reader capable of reading 5 V powered smart-card	Yes
ISO 7816 -3 Class B Card Support	Reader capable of reading 3 V powered smart-card	Yes
ISO 7816 -3 Class C Card support	Reader capable of reading 1.8 V powered smart-card	Yes
ISO 7816-1 Compliant	Specification for the reader	Yes
ISO 7816 -2 Compliant	Specification for smart-card device physical characteristics (size, location of connection points, and so on)	Yes

Table 26. Contacted smart-card reader specifications (continued)

Title	Description	Dell ControlVault 3 smart-card reader
T=0 support	Cards support character level transmission	Yes
T=1 support	Cards support block level transmission	Yes
EMVCo Compliant	Compliant with EMVCo (for electronic payment standards) smart-card standards as posted to www.emvco.com	Yes
EMVCo Certified	Formally certified based on EMVCO smart-card standards	Yes
PC/SC OS interface	Personal Computer/Smart-card specification for integration of hardware readers into personal computer environments	Yes
CCID driver compliance	Common driver support for Integrated Circuit Card Interface Device for OS level drivers.	Yes
Windows Certified	Device certified by WHCK	Yes
FIPS 201 (PIV/HSPD-12) Compliant through GSA	Device compliant with FIPS 201/PIV/HSPD-12 requirements	Yes
FIDO2 compliance	Dell ControlVault 3 Smart-card reader is compliant with the FIDO SPEC	Yes

Operating and storage environment

This table lists the operating and storage specifications of your Latitude 5340/Latitude 5340 2-in-1.

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

Table 27. 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 range	-15.2 m to 3048 m (-49.87 ft to 10000 ft)	-15.2 m to 10668 m (-49.87 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 user environment.

† Measured using a 2 ms half-sine pulse.

Dell Support policy

For information on Dell support policy, search in the Knowledge Base Resource at www.dell.com/support.

ComfortView Plus

⚠️ WARNING: Prolonged exposure to blue light from the display may lead to long-term effects such as eye strain, eye fatigue, or damage to the eyes.

Blue light is a color in the light spectrum which has a short wavelength and high energy. Chronic exposure to blue light, particularly from digital sources, may disrupt sleep patterns and cause long-term effects such as eye strain, eye fatigue, or damage to the eyes.

The display on this computer is designed to minimize blue light and complies with TÜV Rheinland's requirement for low blue light displays.

Low blue light mode is enabled at the factory, so no further configuration is necessary.

To reduce the risk of eye strain, it is also recommended that you:

- Position the display at a comfortable viewing distance between 20 and 28 inches (50 and 70 cm) from your eyes.
- Blink frequently to moisten your eyes, wet your eyes with water, or apply suitable eye drops.
- Look away from your display, and gaze at a distant object at 20 ft (609.60 cm) away for at least 20 seconds during each break.
- Take an extended break for 20 minutes every two hours.

Using the privacy shutter

1. Slide the privacy shutter to the left to access the camera lens.
2. Slide the privacy shutter to the right to cover the camera lens.



Figure 1. Camera shutter

Dell Optimizer

This section provides the Dell Optimizer specifications of your Latitude 5340/Latitude 5340 2-in-1.

On Latitude 5340/Latitude 5340 2-in-1 with Dell Optimizer, the following features are supported:

- **ExpressConnect**—Automatically joins the access point with the strongest signal, and directs bandwidth to conferencing applications when in use.
- **ExpressSign-in**—The Intel Context Sensing Technology's proximity sensor detects your presence to instantly wake up the computer and login using the IR camera and Windows Hello feature. Windows locks when you walk away.
- **ExpressResponse**—Prioritizes the most important applications. Applications open faster and perform better.
- **ExpressCharge**—Extends the battery runtime and improves battery performance by adapting to your patterns.
- **Intelligent Audio**—Collaborate like you're in the same room. Intelligent Audio enhances your audio quality and reduces background noises, so you can hear and be heard, creating a better conference experience for all.

For more information about configuring and using these features, see [Dell Optimizer User Guide](#).

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