

# Specifications of Latitude 9410

## Dimensions and weight

**Table 3. Dimensions and weight**

Description	Values
Height:	
Front	8.53 mm (0.34 in.)
Rear	14.89 mm (0.59 in.)
Width	319.77 mm (12.59 in.)
Depth	199.90 mm (7.87 in.)
Weight	1.36 kg (3.0 lb)

**NOTE:** The weight of your computer depends on the configuration ordered and the manufacturing variability.

## Processors

**Table 4. Processors**

Description	Values			
Processors	10 <sup>th</sup> Generation Intel Core i5-10210U	10 <sup>th</sup> Generation Intel Core i5-10310U	10 <sup>th</sup> Generation Intel Core i7-10610U	10 <sup>th</sup> Generation Intel Core i7-10810U
Wattage	15 W	15 W	15 W	15 W
Core count	4	4	4	6
Thread count	8	8	8	12
Speed	1.6 GHz to 4.2 GHz	1.6 GHz to 4.4 GHz	1.8 GHz to 4.9 GHz	1.1 GHz to 4.9 GHz
Cache	6 MB	6 MB	8 MB	12 MB
Integrated graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics

## Chipset

**Table 5. Chipset**

Description	Values
Chipset	Intel Comet Lake U (V1) PCH-LP
Processor	10 <sup>th</sup> Generation Intel Core i5/i7 processors
DRAM bus width	64-bit
Flash EPROM	16 MB/32 MB

Description	Values
PCIe bus	Up to Gen 3

## Operating system

- Windows 10 Home (64-bit)
- Windows 10 Professional (64-bit)

## Memory

**Table 6. Memory specifications**

Description	Values
Slots	On board
Type	LPDDR3
Speed	2133 MHz
Maximum memory	16 GB
Minimum memory	8 GB
Memory size per slot	8 GB, 16 GB
Configurations supported	<ul style="list-style-type: none"> <li>• 8 GB, LPDDR3 SDRAM, 2133 MHz, on board</li> <li>• 16 GB, LPDDR3 SDRAM, 2133 MHz, on board</li> </ul>

## Ports and connectors

**Table 7. External ports and connectors**

Description	Values
<b>External:</b>	
USB	<ul style="list-style-type: none"> <li>• 2 USB 3.2 Gen 1 Type-A ports with Power Share</li> <li>• 1 USB 3.2 Gen 2 Type-C port with Power Delivery/Thunderbolt 3</li> <li>• 1 USB 3.2 Gen 2 Type-C port with Thunderbolt 3</li> </ul>
Audio	1 Universal Audio Jack
Video	1 HDMI 2.0
Media card reader	uSD 4.0
Docking port	Thunderbolt
Power adapter port	4.50 mm x 2.90 mm DC-in
Security	Wedge-shaped security lock

**Table 8. Internal ports and connectors**

Description	Values
<b>Internal:</b>	

Description	Values
M.2	<ul style="list-style-type: none"> <li>1 M.2 2280 PCIe x 4</li> <li>1 M.2 2230 PCIe x 4</li> </ul>

**NOTE:** To learn more about the features of different types of M.2 cards, see the knowledge base article [SLN301626](#).

## Communications

### Wireless module

**Table 9. Wireless module specifications**

Description	Values
Model number	QCA61x4A Intel AX201
Transfer rate	Up to 867 Mbps Up to 2400 Mbps
Frequency bands supported	2.4 GHz/5 GHz 2.4 GHz/5 GHz
Wireless standards	<ul style="list-style-type: none"> <li>Wi-Fi 802.11b/g/a/n/ac</li> <li>Wi-Fi 4 (WiFi 802.11n)</li> <li>Wi-Fi 5 (WiFi 802.11ac)</li> </ul> <ul style="list-style-type: none"> <li>WiFi 802.11a/b/g</li> <li>Wi-Fi 4 (WiFi 802.11n)</li> <li>Wi-Fi 5 (WiFi 802.11ac)</li> <li>Wi-Fi 6 (WiFi 802.11ax)</li> </ul>
Encryption	<ul style="list-style-type: none"> <li>128-bit WEP</li> <li>AES-CCMP</li> <li>TKIP</li> </ul> <ul style="list-style-type: none"> <li>64-bit/128-bit WEP</li> <li>AES-CCMP</li> <li>TKIP</li> </ul>
Bluetooth	Bluetooth 5.0 Bluetooth 5.1

### Wireless wide area network module

**Table 10. WWAN module specifications**

Description	Values
Model number	Qualcomm Snapdragon X20 Global Gigabit LTE-A
Form factor	M.2 3042 Key.B single side
Transfer rate	Up to 1 Gbps DL/150 Mbps UL (Cat 16)
Operating Frequency bands supported	(1,2,3,4,5,7,8,12,13,14,17,18,19,20,25,26,28,29,30,32,38,39,40,41,42,43,46,66), HSPA+ (1, 2, 4, 5, 6, 8, 9, 19)
Power supply	DC 3.135 V to 4.4 V, Typical 3.3 V
Temperature	Normal operating temperature: -30°C to + 70°C Extended Operating temperature: -40°C to +85°C
Antenna connector	WWAN Main Antenna x 1 WWAN Diversity Antenna x 1 4 x 4 MIMO Antenna x 2
Wake on Wireless	Supported
Network standards	LTE FDD/TDD, WCDMA/HSPA+, GPS/GLONASS/ Beidou /Galileo

# Audio

**Table 11. Audio specifications**

Description	Values
Controller	Realtek ALC3254-CG
Stereo conversion	Supported
Internal interface	High-definition audio interface
External interface	Universal Audio Jack
Speakers	Two
Internal speaker amplifier	Integrated 2W (RMS) per channel
External volume controls	Keyboard shortcut controls
Speaker output:	
Average	2 W
Peak	2.5 W
Subwoofer output	Not supported
Microphone	Digital-array microphones

# Storage

Your computer supports one of the following configurations:

- M.2 2230, 128 GB, Gen 3 PCIe x4, NVMe, Class 35 SSD
- M.2 2230, 256 GB, Gen 3 PCIe x4, NVMe, Class 35 SSD
- M.2 2230, 512 GB, Gen 3 PCIe x4, NVMe, Class 35 SSD
- M.2 2230, 512 GB, Gen 3 PCIe x4, NVMe, Class 35 SSD
- M.2 2230, 1 TB, Gen 3 PCIe x4, NVMe, Class 35 SSD
- M.2 2230, 256 GB, Gen 3 PCIe x4, NVMe Class 35 Self-Encrypting SSD
- M.2 2280, 256 GB, Gen 3 PCIe x4, NVMe, Class 40 SSD
- M.2 2280, 512 GB, Gen 3 PCIe x4, NVMe, Class 40 SSD
- M.2 2280, 1 TB, Gen 3 PCIe x4, NVMe, Class 40 SSD
- M.2 2280, 2 TB, Gen 3 PCIe x4, NVMe, Class 40 SSD
- M.2 2280, 512 GB, Gen 3 PCIe x4, NVMe, Class 40 Self-Encrypting SSD

**Table 12. Storage specifications**

Storage type	Interface type	Capacity
M.2 Class 35 solid-state drive	PCIe NVMe 3x4	Up to 1 TB
M.2 Class 35 SED solid-state drive	PCIe NVMe 3x4	Up to 256 GB
M.2 Class 40 solid-state drive	PCIe NVMe 3x4	Up to 2 GB
M.2 Class 40 SED solid-state drive	PCIe NVMe 3x4	Up to 512 GB

# Media-card reader

Table 13. Media-card reader specifications

Description	Values
Type	SD card reader
Cards supported	micro SD card (uSD)

# Keyboard

Table 14. Keyboard specifications

Description	Values
Type	<ul style="list-style-type: none"><li>Standard Keyboard with Backlight</li></ul>
Layout	QWERTY
Number of keys	<ul style="list-style-type: none"><li>United States and Canada: 82 keys</li><li>United Kingdom: 83 keys</li><li>Japan: 84 keys</li></ul>
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><b>NOTE:</b> You can define the primary behavior of the function keys (F1–F12) changing Function Key Behavior in BIOS setup program.</p>

[Keyboard shortcuts](#)

# Camera

Table 15. Camera specifications

Description	Values
Number of cameras	One
Type	Infrared camera
Location	Front camera
Sensor type	CMOS sensor technology
Resolution	
Camera	
Still image	0.92 megapixel
Video	1280 x 720 at 30 fps
Infrared camera	

Description	Values
Still image	0.23 megapixel
Video	640 x 360 at 15 fps
Diagonal viewing angle	
Camera	77.7 degrees
Infrared camera	77.7 degrees

## Touchpad

**Table 16. Touchpad specifications**

Description	Values
Resolution:	
Horizontal	1235
Vertical	695
Dimensions:	
Horizontal	105 mm
Vertical	60 mm

## Touchpad gestures

For more information about touchpad gestures for Windows 10, see the Microsoft knowledge base article [4027871](https://support.microsoft.com/4027871) at [support.microsoft.com](https://support.microsoft.com).

## Power adapter

**Table 17. Power adapter specifications**

Description	Values
Type	65 W USB-C      90 W USB-C
Diameter (connector)	Type-C connector      Type-C connector
Input voltage	100 VAC to 240 VAC      100 VAC to 240 VAC
Input frequency	50 Hz to 60 Hz      50 Hz to 60 Hz
Input current (maximum)	1.7 A      1.5 A
Output current (continuous)	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/4.5 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      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)
Storage	-40 °C to 70 °C (-40 °F 158 °F)      -40 °C to 70 °C (-40 °F 158 °F)

# Battery

**Table 18. Battery specifications**

Description	Values		
Type	4-cell lithium-ion 52 WHr with ExpressCharge	6-cell lithium-ion 78 WHr with ExpressCharge	4-cell lithium-ion 52 WHr with Long life cycle
Voltage	7.6 VDC	11.4 VDC	7.6 VDC
Weight (maximum)	0.23 kg	0.34 kg	0.23 kg
Dimensions:			
Height	250 mm	301.67 mm	250 mm
Width	85.8 mm	111.36 mm	85.8 mm
Depth	4.99 mm	9.09 mm	4.99 mm
Temperature range:			
Operating	Charge: 0 °C to 45 °C (32 °F to 113 °F) Discharge: 0 °C to 70 °C (32 °F to 158 °F)	Charge: 0 °C to 45 °C (32 °F to 113 °F) Discharge: 0 °C to 70 °C (32 °F to 158 °F)	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)
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)	3 hours (when the computer is off) <b>i</b> <b>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 <a href="http://www.dell.com/">www.dell.com/</a></b>	3 hours (when the computer is off) <b>i</b> <b>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 <a href="http://www.dell.com/">www.dell.com/</a></b>	3 hours (when the computer is off) <b>i</b> <b>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 <a href="http://www.dell.com/">www.dell.com/</a></b>
Life span (approximate)	300 discharge/charge cycles	300 discharge/charge cycles	300 discharge/charge cycles
Coin-cell battery	CR-2032	CR-2032	CR-2032
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	FHD

<b>Description</b>	<b>Values</b>
Panel technology	Wide viewing angle (WVA)
Luminance (typical)	300 Nits
Dimensions (active area):	
Height	173.95 mm (6.85 in.)
Width	309.40 mm (12.18 in.)
Diagonal	14 in.
Native resolution	1920 x 1080
Megapixels	2.0736
Color gamut	72% NTSC Typical
Pixels Per Inch (PPI)	157
Contrast ratio (min)	1000:1
Response time (max)	35 ms
Refresh rate	60 Hz
Horizontal view angle	80 degree
Vertical view angle	80 degree
Pixel pitch	0.161 x 0.161
Power consumption (maximum)	1.80 W
Anti-glare vs glossy finish	Glossy
Touch options	Yes

## Fingerprint reader

**Table 20. Fingerprint reader specifications**

<b>Description</b>	<b>Values</b>
Sensor technology	Capacitive
Sensor resolution	363
Sensor area	5.25 mm x 6.9 mm
Sensor pixel size	76 x 100



# Video

**Table 21. Integrated graphics specifications**

Integrated graphics			
Controller	External display support	Memory size	Processor
Intel UHD Graphics	One HDMI 2.0	Shared system memory	10th Generation Intel Core i5/i7

# Security

- Trusted Platform Module (TPM) 2.0 FIPS-140-2 Certified / TCG Certified
- Windows Hello compliant fingerprint reader in power button (Optional)
- Touch Fingerprint Reader (in Power Button) with Control Vault 3.0 Advanced Authentication with FIPS 140-2 Level 3 Certification (Optional)
- Contacted Smart Card and ControlVault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification (Optional)
- Touch Fingerprint Reader (in Power Button), Contacted Smart Card, and Control Vault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification (Optional)
- Touch Fingerprint Reader (in Power Button), Contacted Smart Card, Contactless Smart Card, NFC, and Control Vault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification (Optional)
- Face IR camera (Windows Hello compliant) with ExpressSign-in (Optional)

# Security Software

- Dell Client Command Suite
- Dell BIOS Verification
- Dell Endpoint Security and Management Software (Optional)
- VMware Carbon Black Endpoint Standard
- VMware Carbon Black Endpoint Standard and Secureworks Threat Detection and Response
- Dell Encryption Enterprise
- Dell Encryption Personal
- Carbonite
- VMware Workspace ONE
- Absolute Endpoint Visibility and Control
- Netskope
- Dell Supply Chain Defense

# Computer environment

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

**Table 22. Computer environment**

Description	Operating	Storage
Temperature range	0°C (32°F) to 40°C (104°F)	0°C to 65°C (149°F) to TBD°F
Relative humidity (maximum)	0.1% to 0.9% (non-condensing)	0% to 0.95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	140 G†	160 G†
Altitude (maximum)	0 m to 3048 m (32 ft to 5518.4 ft)	0 m to 10668 m (32 ft to 19234.4 ft)

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