Precision 5570

Setup and Specifications

Regulatory Model: P91F
Regulatory Type: P91F003
August 2025
Rev. A04

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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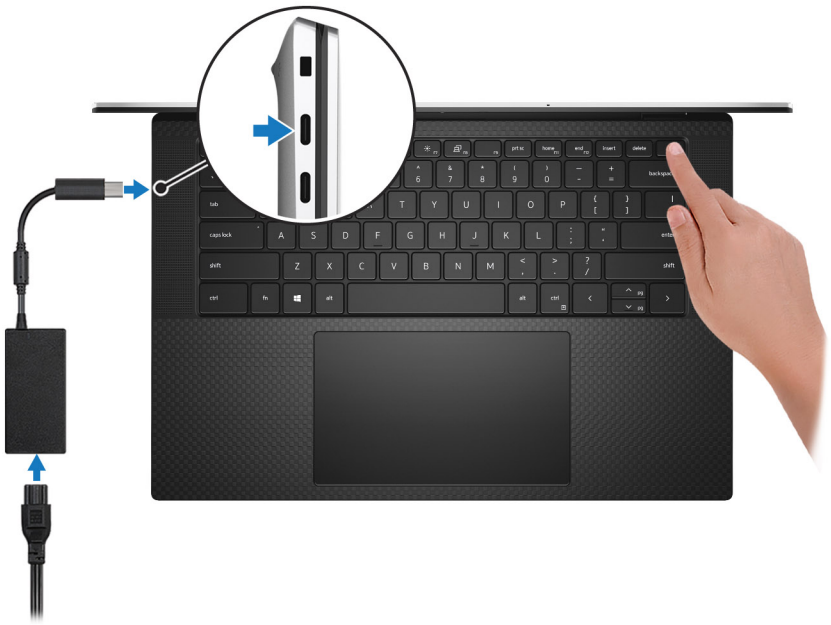
1

Set up your Precision 5570

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

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

   NOTE: You can charge your computer by connecting the power adapter to one of the Thunderbolt 4 (USB4) Type-C ports or to the USB 3.2 Gen 2 Type-C port on your computer.



   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. Complete the operating system setup.

Table 1. Operating system setup

Operating system	Setup instructions
Windows	Follow the on-screen instructions to complete the setup: • 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.
Ubuntu	Follow the on-screen instructions to complete the setup. For more information about installing and configuring Ubuntu, see the knowledge base article KB000131676 at Dell Support Site. **NOTE:** All Dell apps are not available on Ubuntu.

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

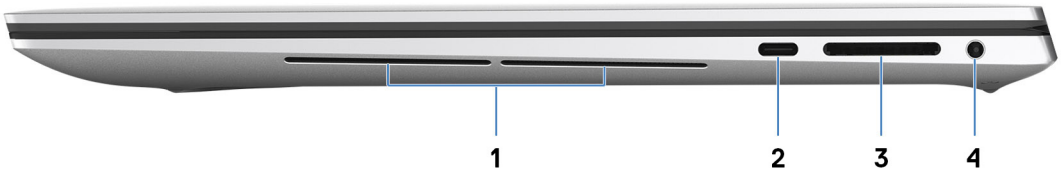
Table 2. Locate Dell apps

Resources	Description
	**Dell Product Registration** Register your computer with Dell.
	**Dell Help & Support** Access help and support for your computer.
	**Dell SupportAssist Pre-boot System Performance Check** Dell SupportAssist Preboot System Performance Check 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. Dell SupportAssist Preboot System Performance Check proactively checks the health of your computer hardware and software. When an issue is detected, the necessary computer state information is sent to Dell to begin troubleshooting. Dell SupportAssist Preboot System Performance Check is preinstalled on most of the Dell devices running the Windows operating system. For more information, see Dell SupportAssist Preboot System Performance Check for Home PCs User Guide on Dell Serviceability Tools. **NOTE:** In Dell SupportAssist Preboot System Performance Check, click the warranty expiry date to renew or upgrade your warranty.
	**Dell Update** Dell Update performs critical fixes and updates latest available device on your computer. For more information about using Dell Update, see the knowledge base article KB000149088 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, see the knowledge base article KB000128904 at Dell Support Site.

2

Views of Precision 5570

Right



1. **Right woofer**

   Enhances low-frequency audio output.

2. **USB 3.2 Gen 2 (Type-C) port with DisplayPort and Power Delivery**

   Connect peripherals such as external storage devices, printers, and external displays. Provides data transfer rate of up to 10 Gbps for USB 3.2 Gen 2x1 port.

   Supports DisplayPort and also enables you to connect an external display using a display adapter.

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

   Supports Power Delivery that enables two-way power supply between devices. Provides up to 5 V/1.50 A power output

3. **SD-card slot**

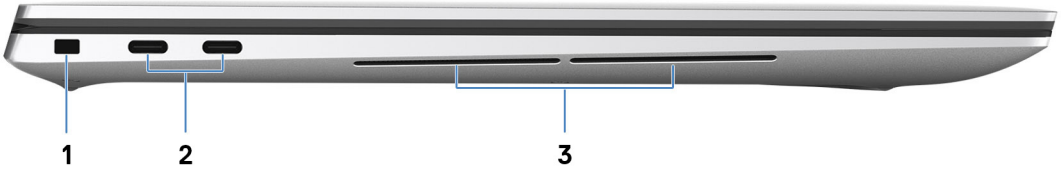
   Insert a SD card to expand your storage and store photos, videos, and data from your computer. The computer supports the following card types:

   - Secure Digital (SD)
   - Secure Digital High Capacity (SDHC)
   - Secure Digital Extended Capacity (SDXC)

4. **Headset port**

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

Left



1. **Security-cable slot (wedge-shaped)**

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

2. **Thunderbolt 4 (USB4) Type-C port with Power Delivery (2)**

   Supports USB4 Gen 3x2, DisplayPort 1.4a and Thunderbolt 4. Enables you to connect to an external display using a display adapter. Provides data transfer rates up to 40 Gbps for USB4 Gen 3x2 Thunderbolt 4. Supports Power Delivery that enables two-way power supply between devices. Provides up to 5 V/ 3 A power output that enables faster charging.

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

   NOTE: A 40 Gbps-certified cable is required to achieve the maximum performance of 40 Gbps.

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

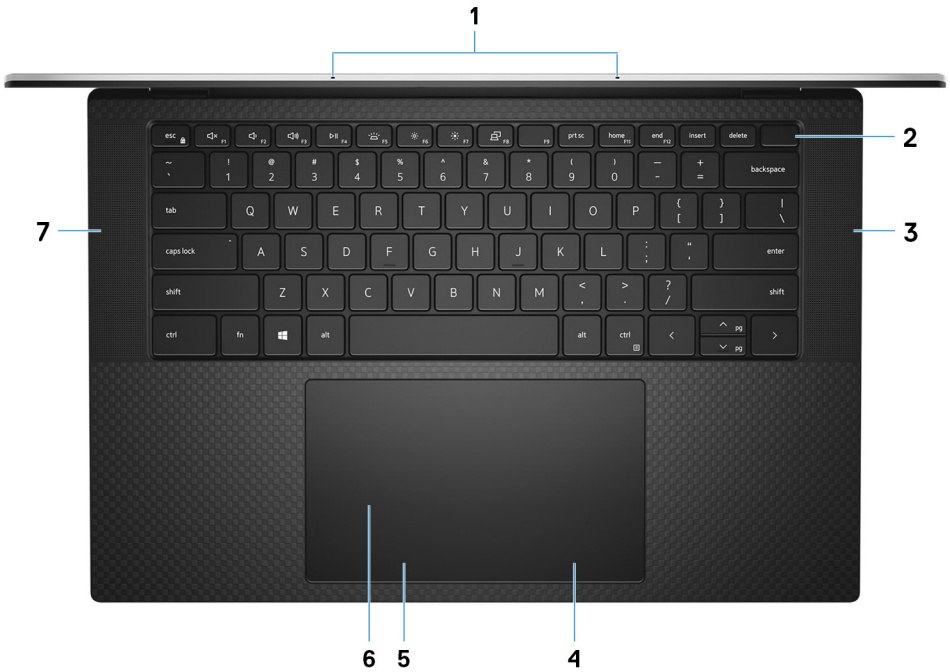
   NOTE: USB4 is backward compatible with USB 3.2, USB 2.0, and Thunderbolt 3.

   NOTE: You can connect a Dell docking station to the Thunderbolt 4 ports. For more information, see the knowledge base article 000124295 at Dell Support Site.

3. **Left woofer**

   Enhances low-frequency audio output.

Top



1. **Microphones (2)**

   Provide digital sound input for audio recording, voice calls, and so on.

2. **Power button with 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-button behavior can be customized in the operating system.

NOTE: In Windows, Windows Hello supports a defined number of fingerprints per account. For more information about configuring your fingerprint reader with Windows Hello, search in the Knowledge Base Resource at Dell Support Site.

3. **Right speaker**

   Provides audio output.

4. **Right-click area**

   Press to right-click.

5. **Left-click area**

   Press to left-click.

6. **Touchpad**

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

7. **Left speaker**

   Provides audio output.

1. **Touchpad**

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

2. **Left-click area**

   Press to left-click.

3. **Right-click area**

   Press to right-click.

4. **Power button**

   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.

   NOTE: You can customize the power-button behavior in Windows. For more information, see *Me and My Dell* at Dell Support Mannuals.

Display



1. **Infrared emitter**

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

2. **Ambient-light sensor**

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

3. **RGB-infrared camera**

   This combined camera supports both infrared Windows Hello facial recognition and standard RGB imaging for photos and videos.

4. **Camera-status light**

   Turns on when the camera is in use.

5. **Infrared emitter**

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

6. **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.

Bottom



1. **Service Tag and regulatory labels**

   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. The regulatory label contains regulatory information of your computer.

Battery Charge and Status LED

Table 3. Battery Charge and Status LED Indicator

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, expect for a trickle power. The context data is written to hard drive.
- S5 (OFF) - The system is in a shutdown state.

3

Specifications of Precision 5570

Dimensions and weight

The following table lists the height, width, depth, and weight of your Precision 5570.

Table 4. Dimensions and weight

Description	Values
Height:	
Front height	7.70 mm (0.30 in.)
Rear height	11.65 mm (0.46 in.)
Width	344.40 mm (13.56 in.)
Depth	230.14 mm (9.06 in.)
Weight **NOTE:** The weight of your computer depends on the configuration that is ordered and manufacturing variability.	2.10 kg (4.62 lb)

Processor

The following table lists the details of the processors that are supported in your Precision 5570.

Table 5. Processor

Description	Option one	Option two	Option three	Option four
Processor type	12th Generation Intel Core i5-12600H	12th Generation Intel Core i7-12700H	12th Generation Intel Core i7-12800H	12th Generation Intel Core i9-12900H
Processor wattage	45 W	45 W	45 W	45 W
Processor core count	12	14	14	14
Processor thread count	16	20	20	20
Processor speed	Up to 4.50 GHz	Up to 4.70 GHz	Up to 4.80 GHz	Up to 5 GHz
Processor cache	18 MB	24 MB	24 MB	24 MB
Integrated graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics

Chipset

The following table lists the details of the chipset that is supported in your Precision 5570.

Table 6. Chipset

Description	Values
Chipset	Intel 600 Series
Processor	12th Generation Intel Core i5/i7/i9
DRAM bus width	64-bit
Flash EPROM	64 MB
PCIe bus	Up to PCIe Gen 4

Operating system

Your Precision 5570 supports the following operating systems:

- Windows 11 Home, 64-bit
- Windows 11 Pro, 64-bit
- Windows 10 Home, 64-bit
- Windows 10 Pro, 64-bit
- Ubuntu 20.04 LTS, 64-bit
- Red Hat Enterprise Linux (RHEL v8.6)

Memory

The following table lists the memory specifications that are supported by your Precision 5570.

Table 7. Memory specifications

Description	Values
Memory slots	Two-SODIMM slots
Memory type	DDR5
Memory speed	4800 MHz
Maximum memory configuration	64 GB
Minimum memory configuration	8 GB
Memory size per slot	8 GB, 16 GB, 32 GB
Memory configurations supported	• 8 GB, 1 x 8 GB, DDR5, 4800 MHz • 16 GB, 2 x 8 GB, DDR5, 4800 MHz, dual-channel • 32 GB, 2 x 16 GB, DDR5, 4800 MHz, dual-channel • 64 GB, 2 x 32 GB, DDR5, 4800 MHz, dual-channel

Internal slots

The following table lists the internal slots of your Precision 5570.

Table 8. Internal slots

Description	Values
M.2	Two M.2 2230/2280 slots for solid-state drive **NOTE:** To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at Dell Support Site.

External ports and slots

The following table lists the external ports and slots on your Precision 5570.

Table 9. External ports and slots

Description	Values
USB ports	• One USB 3.2 Gen 2 (Type-C) port with DisplayPort Alt Mode • Two Thunderbolt 4 (USB4) Type-C ports with Power Delivery **NOTE:** Connect the power adapter (USB Type-C) to one of the three USB Type-C ports.
Audio port	One headset (headphone and microphone combo) port
Video port(s)	USB Type-C port with DisplayPort Alt mode and Thunderbolt 4
Media-card reader	One SD-card slot
Power-adapter port	DC-IN through one of the three USB Type-C ports
Security-cable slot	1 wedge-shaped lock slot

Wireless module

The following table lists the Wireless Local Area Network (WLAN) module that is supported on your Precision 5570.

Table 10. Wireless module specifications

Description	Values
Model number	Intel AX211 **NOTE:** The wireless module is soldered and integrated into the system board and cannot be replaced without replacing the system board.
Transfer rate	Up to 2400 Mbps
Frequency bands supported	2.4 GHz/ 5 GHz
Wireless standards	• WiFi 802.11a/b/g

Table 10. Wireless module specifications (continued)

Description	Values
	• 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
Bluetooth wireless card	Bluetooth 5.2
	NOTE: The version of the Bluetooth wireless card may vary depending on the operating system that is installed on your computer.

Audio

The following table lists the audio specifications of your Precision 5570.

Table 11. Audio specifications

Description		Values
Audio controller		Realtek ALC3281
Stereo conversion		Supported
Internal audio interface		High definition audio interface
External audio interface		Universal audio jack
Number of speakers		Two
Internal-speaker amplifier		Supported
External volume controls		Keyboard shortcut controls
Speaker output:		
	Average speaker output	Tweeters (2 x 2 Watt); Woofers (2 x 2 Watt)
	Peak speaker output	2.5 Watt x 4 = 10 Watt
Subwoofer output		Supported
Microphone		Digital-array microphones

Storage

This section lists the storage options on your Precision 5570.

Your Precision 5570 supports one of the following storage configurations:

- One M.2 2230 solid-state drive and one M.2 2280 solid-state drive
- Two M.2 2280 solid-state drives

Table 12. Storage specifications

Storage type	Interface type	Capacity
M.2 2230 solid-state drive	PCIe Gen3.0x4 NVMe, up to 32 Gbps	Up to 256 GB
M.2 2230 solid-state drive	PCIe Gen4.0x4 NVMe, up to 64 Gbps	Up to 256 GB
M.2 2280 solid-state drive	PCIe Gen3.0x4 NVMe SED, up to 32 Gbps	Up to 1 TB
M.2 2280 solid-state drive	PCIe Gen4.0x4 NVMe, up to 64 Gbps	Up to 4 TB

Redundant Array of Independent Disks (RAID)

For optimal performance when configuring drives as a RAID volume, Dell Technologies recommends drive models that are identical.

NOTE: RAID is not supported on Intel Optane configurations.

RAID 0 (Striped, Performance) volumes benefit from higher performance when drives are matched because the data is split across multiple drives: any I/O operations with block sizes larger than the stripe size splits the I/O and become constrained by the slowest of the drives. For RAID 0 I/O operations where block sizes are smaller than the stripe size, whichever drive the I/O operation targets, determines the performance, which increases variability and results in inconsistent latencies. This variability is particularly pronounced for write operations, and it can be problematic for applications that are latency sensitive. One such example of this is any application that performs thousands of random writes per second in very small block sizes.

RAID 1 (Mirrored, Data Protection) volumes benefit from higher performance when drives are matched because the data is mirrored across multiple drives all I/O operations must be performed identically to both drives, thus variations in drive performance when the models are different result in the I/O operations completing only as fast as the slowest drive. While this does not suffer from the variable latency issue in small random I/O operations as with RAID 0 across heterogeneous drives, the impact is nonetheless large because the higher performing drive becomes limited in all I/O types. One of the worst examples of constrained performance here is when using unbuffered I/O. To ensure that that writes are fully committed to nonvolatile regions of the RAID volume, unbuffered I/O bypasses cache (for example by using the Force Unit Access bit in the NVMe protocol) and the I/O operation will not complete until all the drives in the RAID volume have completed the request to commit the data. This kind of I/O operation completely negates any advantage of a higher performing drive in the volume.

Care must be taken to match not only the drive vendor, capacity, and class, but also the specific model. Drives from the same vendor, with the same capacity, and even within the same class, can have different performance characteristics for certain types of I/O operations. Thus, matching by model ensures that the RAID volume consists of a homogeneous array of drives that deliver all the benefits of a RAID volume without incurring the additional penalties when one or more drives in the volume are lower performing.

Precision 5570 supports RAID with more than one hard drive configuration.

Media-card reader

The following table lists the media cards that are supported in your Precision 5570.

Table 13. Media-card reader specifications

Description	Values
Media-card type	One SD card slot
Media-cards supported	• Secure Digital (SD) • Secure Digital High Capacity (SDHC) • Secure Digital Extended Capacity (SDXC)
NOTE: The maximum capacity that is supported by the media-card reader varies depending on the standard of the media card that is installed on your computer.	

Keyboard

The following table lists the keyboard specifications of your Precision 5570.

Table 14. Keyboard specifications

Description	Values
Keyboard type	Standard backlit keyboard
Keyboard layout	QWERTY
Number of keys	• United States and Canada: 79 keys • United Kingdom: 80 keys • Japan: 83 keys
Keyboard size	X=19.05 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 the Dell Support site.

Camera

The following table lists the camera specifications of your Precision 5570.

Table 15. Camera specifications

Description		Values
Number of cameras		One
Camera type		HD RGB Camera
Camera location		Front camera
Camera sensor type		CMOS-sensor technology
Camera resolution:		
	Still image	0.92 megapixel
	Video	1280 x 720 (HD) at 30 fps
Infrared camera resolution:		
	Still image	0.20 megapixel
	Video	576 x 360 (VGA) at 15 fps

Table 15. Camera specifications (continued)

Description		Values
Diagonal viewing angle:		
	Camera	78.50 degrees
	Infrared camera	78.50 degrees

Touchpad

The following table lists the touchpad specifications of your Precision 5570.

Table 16. Touchpad specifications

Description		Values
Touchpad resolution:		
	Horizontal	1770
	Vertical	1039
Touchpad dimensions:		
	Horizontal	150.90 mm (5.94 in.)
	Vertical	90 mm (3.54 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 Precision 5570.

Table 17. Power adapter specifications

Description		Option one	Option two
Type		90 W USB Type-C	130 W USB Type-C
Input voltage		100 VAC–240 VAC	100 VAC–240 VAC
Input frequency		50 Hz–60 Hz	50 Hz–60 Hz
Input current (maximum)		1.50 A	1.80 A
Output current (continuous)		4.50 A	6.50 A
Rated output voltage		20 VDC	20 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 to 158°F)	-40°C to 70°C (-40°F to 158°F)

Table 17. Power adapter specifications (continued)

Description	Option one	Option two
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 Precision 5570.

Table 18. Battery specifications

Description		Option one	Option two
Battery type		3-cell, 56 Wh "smart" lithium-ion	6-cell, 86 Wh "smart" lithium-ion
Battery voltage		11.40 VDC	11.40 VDC
Battery weight (maximum)		0.26 kg (0.57 lb)	0.34 kg (0.75 lb)
Battery dimensions:			
	Height	77.70 mm (3.06 in.)	77.70 mm (3.06 in.)
	Width	295.20 mm (11.62 in.)	295.20 mm (11.62 in.)
	Depth	7.56 mm (0.30 in.)	7.56 mm (0.30 in.)
Temperature range:			
	Operating	0°C to 70°C (32°F to 158°F)	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)
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.
Battery charging time (approximate) **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, *Me and My Dell* on Dell Site		2hr (Express charge), 3hr (Standard charge) hours (when the computer is off)	2hr (Express charge), 3hr (Standard charge) hours (when the computer is off)
Coin-cell battery		Not supported	Not supported

Display

The following table lists the display specifications of your Precision 5570.

Table 19. Display specifications

Description	Option one	Option two
Display type	Full High Definition (FHD+)	WLED UHD+ Touch

Table 19. Display specifications (continued)

Description		Option one	Option two
Touch options		No	Touch support, with 10 touch points
Display-panel technology		Wide Viewing Angle (WVA)	Wide Viewing Angle (WVA)
Display-panel dimensions (active area):			
	Height	210.24 mm (8.28 in.)	210.24 mm (8.28 in.)
	Width	336.38 mm (13.24 in.)	336.38 mm (13.24 in.)
	Diagonal	396.24 mm (15.6 in.)	396.24 mm (15.6 in.)
Display-panel native resolution		1920 x 1200	3840 x 2400
Luminance (typical)		500 nits	500 nits
Megapixels		2.30	9.20
Color gamut		sRGB 100%	100% AdobeRGB, 94% DCI-P3
Pixels Per Inch (PPI)		145	290
Contrast ratio (minimum)		1650:1 (typical)	1600:1 (typical)
Response time (maximum)		35 ms	60 ms
Refresh rate		60 Hz	60 Hz
Horizontal view angle		+/- 89 degrees	+/- 89 degrees
Vertical view angle		+/- 89 degrees	+/- 89 degrees
Pixel pitch		0.18 mm	0.09 mm
Power consumption (maximum)		4.41 W	10.4 W
Anti-glare vs glossy finish		Anti-glare	Anti-reflective

Fingerprint reader

The following table lists the fingerprint-reader specifications of your Precision 5570.

NOTE: The fingerprint reader is on the power button.

Table 20. Fingerprint reader specifications

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

Sensors

Table 21. Sensors

Sensor support
eCompass/Magnetometer
Ambient Light Sensor
Adaptive Thermal Performance (via Gyroscope/Accelerometer)
Dell ExpressSign-In 1.0 (via Proximity Sensor)
Dell ExpressSign-in 2.0 IR/RGB Camera Sensing Technology
Wake/Power on with lid open
Hall sensor

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Precision 5570.

Table 22. GPU—Integrated

Controller	Memory size	Processor
Intel Iris Xe Graphics (Dual-channel memory configurations)	Shared system memory	12th Generation Intel Core i5/i7/i9
Intel UHD Graphics (Single-channel memory configurations)	Shared system memory	12th Generation Intel Core i5/i7/i9

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Precision 5570.

Table 23. GPU—Discrete

Controller	Memory size	Memory type
NVIDIA RTX A1000 Laptop	4 GB	GDDR6
NVIDIA RTX A2000 Laptop	8 GB	GDDR6

Multiple display support matrix

The following table lists the multi-monitor support matrix supported by your Precision 5570.

Table 24. Integrated - Multiple display support matrix

Video port option	Supported configuration
Video ports on Integrated Graphics Card	• One USB 3.2 Gen 2 Type-C port with DisplayPort Alt Mode • Two Thunderbolt 4 ports with Power Delivery
Video port on Option Video module	• One USB 3.2 Gen 2 Type-C port with DisplayPort Alt Mode • Two Thunderbolt 4 ports with Power Delivery

Table 24. Integrated - Multiple display support matrix (continued)

Video port option	Supported configuration
Number of displays	Three 4K external displays, one 5K or one 8K and above displays using the Thunderbolt 4 (USB-C) ports available on your Precision 5570

Table 25. Discrete - Multiple display support matrix

Graphics Card	NVIDIA RTX A1000 Laptop	NVIDIA RTX A2000 Laptop
Memory	4 GB GDDR6	8 GB GDDR6
Video Ports on system	• One USB 3.2 Gen 2 Type-C port with DisplayPort Alt Mode • Two Thunderbolt 4 ports with Power Delivery	• One USB 3.2 Gen 2 Type-C port with DisplayPort Alt Mode • Two Thunderbolt 4 ports with Power Delivery
Max Displays (direct connect)	4	4
Max Displays (DP multi-stream)	1	1
Number of displays	1	1
Supported Resolution	4096x2304 @60 Hz	4096x2304 @60 Hz
Total Power	35 W to 95 W	35 W to 95 W

Hardware security

The following table lists the hardware security of your Precision 5570.

Table 26. Hardware security

Hardware security options
NIST 800-147 protocol
Trusted Platform Module (TPM) 2.0 FIPS-140-2 Certified/TCG Certified
Touch Fingerprint Reader (in Power Button) with Control Vault 3.0 Advanced Authentication with FIPS 140-2 Level 3 Certification (Optional)
Face IR camera (Windows Hello compliant) with ExpressSign-in 1.0 (Proximity Sensor)
Face IR camera (Windows Hello compliant) with ExpressSign-in 2.0 (Camera Sensing) (Optional)
Intel vPro Technology (iAMT 12) (optional, requires Intel WiFi Link WLAN and a vPro compatible processor)
Dell Client Command Suite available (dell.com/command), Factory Installed Dell Client Command | Update, Dell Command | Power Manager
Intel Platform Trust Technology
Chassis wedge-shaped security lock
Support for Absolute module interface and external SmartCard Reader

Operating and storage environment

This table lists the operating and storage specifications of your Precision 5570.

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 when the hard drive is in use.

4

Dell low blue light display

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.

The ComfortView feature on Dell laptops and displays is designed to minimize blue light emitted from the display for better eye comfort.

To reduce the risk of eye strain after looking at the laptop's display for an extended period of time, it is recommended that you:

1. Set the laptop's display at a comfortable viewing distance between 20 inches and 28 inches (50 cm and 70 cm) from your eyes.
2. Blink frequently to moisten your eyes, or wet your eyes with water.
3. Take a break for 20 minutes every two hours.
4. 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.

5

Keyboard shortcuts of Precision 5570

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, multimedia 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 28. List of keyboard shortcuts

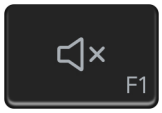
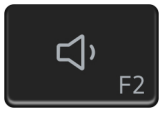
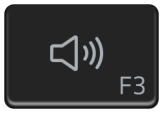
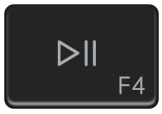
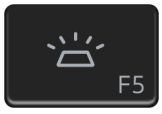
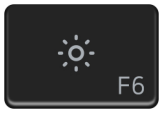
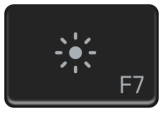
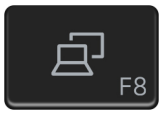
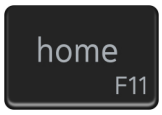
Function key	Redefined key (for multimedia control)	Behavior
		Mute audio
		Decrease volume
		Increase volume
		Play/Pause
		Toggle keyboard backlight
		Decrease brightness
		Increase brightness

Table 28. List of keyboard shortcuts (continued)

Function key	Redefined key (for multimedia control)	Behavior
		Switch to external display
		Print screen
		Home
		End

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

Table 29. List of keyboard shortcuts

Function key	Behavior
	Pause/Break
	Toggle scroll lock
	System request
	Open application menu
	Toggle Fn-key lock

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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 30. Self-help resources

Self-help resources	Resource location
Information about Dell products and services	Dell Site
My Dell app	
Tips	
Contact Support	In Windows search, type `Contact Support`, and press Enter.
Online help for operating system	Windows Support Site Linux Support Site
Access top solutions, diagnostics, drivers and downloads, and learn more about your computer through videos, manuals, and documents.	Your Dell computer is uniquely identified using 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 Dell Support Site. For more information about how to find the Service Tag for your computer, see Locate the Service Tag on your computer.
Dell knowledge base articles	1. Go to Dell Support Site. 2. On the menu bar at the top of the Support page, select **Support** > **Support Library**. 3. In the Search field on the Support Library 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 Contact Support at Dell Support Site.

NOTE: Availability of the services may vary depending on the country or region, and product.

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.

7

Revision history

Tracks all updates that are made to the document. It typically includes the date of change, version number, and a brief description of the modification. This log helps maintain transparency, accountability, and a clear timeline of progress.

Table 31. Revision history

Revision	Date	Description
A00	03-28-2022	Original publish date.
A04	08-11-2025	Updated external ports specifications.