

Dell Pro Precision 5 16S

PW516265

Setup and Specifications

Notes, cautions, and warnings

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

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

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

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Views of Dell Pro Precision 5 16S PW516265

Right view



Figure 1. Right view

1. nano-SIM card slot (optional)

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

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

2. Global headset jack

Supports connection of headphones or combo headsets with integrated microphone for audio input and output.

3. USB 3.2 Gen 1 port with PowerShare

Supports data transfer speed up to 5 Gbps for connecting external storage and peripherals, and provides power output capability for charging compatible devices even when the computer is turned off.

4. RJ45 ethernet port (1 Gbps)

Provides wired network connectivity by connecting to a router or modem via an Ethernet cable. Supports data transfer speeds up to 1 Gbps for stable and high-speed internet or LAN access.

5. Security-cable slot (wedge-shaped)

Provides a slot for a cable lock to secure the computer against unauthorized removal or movement.

Left view



Figure 2. Left view

1. HDMI-out 2.1 TMDS 4k/HDCP2.3 port:

Outputs high-definition video and audio to external displays, TVs, or HDMI-in devices. Supports resolutions up to 4096 × 2160 at 60 Hz with HDCP 2.3 for secure content playback, enabling users to extend or mirror their display for entertainment, presentations, or multiscreen setups.

2. USB 3.2 Gen 1 (5 Gbps) port

Supports data transfer speed up to 5 Gbps for connecting external storage and peripheral devices.

 **NOTE:** For more information about connecting a Dell Docking Station to the Thunderbolt 4 port, search [Dell Support Site](#).

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

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

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

3. Thunderbolt 4 port with Power Delivery and DisplayPort:

Transfers data at high speed, charges your device, and connects to external displays—all through one port:

- **Thunderbolt 4:** Offers up to 40 Gbps data transfer speed, enabling ultra-fast file transfers, external SSDs, and high-performance peripherals. Offers backward compatibility with USB 3.2, USB 2.0, and Thunderbolt 3.
- **DisplayPort :** Allows video output to external monitors (supports up to dual 4K@60Hz or single 8K@60Hz displays), making it ideal for docking stations or multi-monitor setups. Compatible with USB-C to HDMI/DP adapters and docking stations.
- **USB4 Compatibility:** Ensures broad support for USB devices with efficient bandwidth sharing and backward compatibility with USB 3.2, USB 2.0, and Thunderbolt 3.
- **Power Delivery (PD):** Supports charging of laptops, tablets, and other devices with up to 100 W power through the same port, reducing the need for separate power adapters.

4. Battery-status light: Indicates the current battery charge level and charging status through LED signals, helping users monitor power availability and charging progress.

- **Solid white:** Battery is charging
- **Solid amber:** Battery critically low
- **No Light:** Battery is adequately charged or the computer is turned off

5. Smartcard reader slot (optional)

Supports ISO/IEC 7816-compliant smart cards and enables secure user authentication through hardware-based cryptographic functions. When a compatible smart card is inserted, the system can perform secure login, digital signature verification, and access control operations. This feature is typically used in enterprise environments requiring enhanced security protocols.

Top view

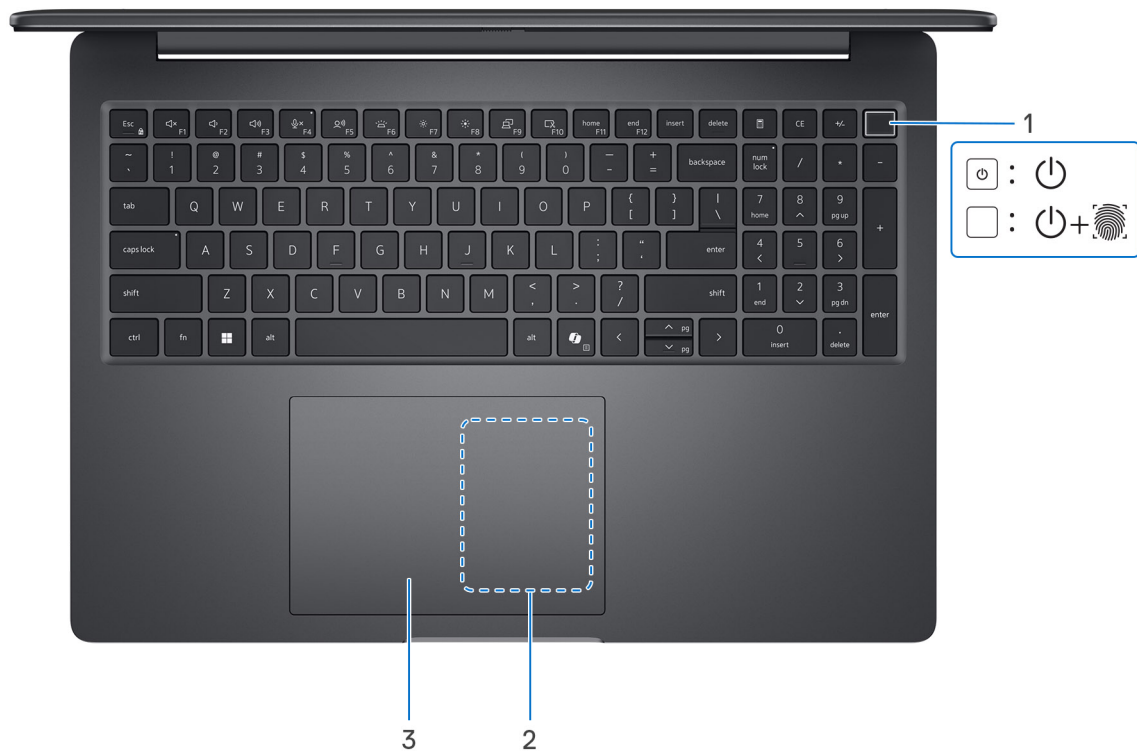


Figure 3. Top view

1. Power button with optional fingerprint reader:

Provides standard power control (on/off). If equipped with a fingerprint reader, it also supports secure user authentication via a single touch.

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

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: The power-button behavior can be customized in the operating system.

2. NFC/Contactless smart card reader (optional):

Enables NFC-enabled devices to communicate with your computer.

3. Touchpad:

Used to move the mouse pointer. You can tap, swipe, or drag your finger to click, scroll, or move items on the screen—just like using a mouse.

Front view

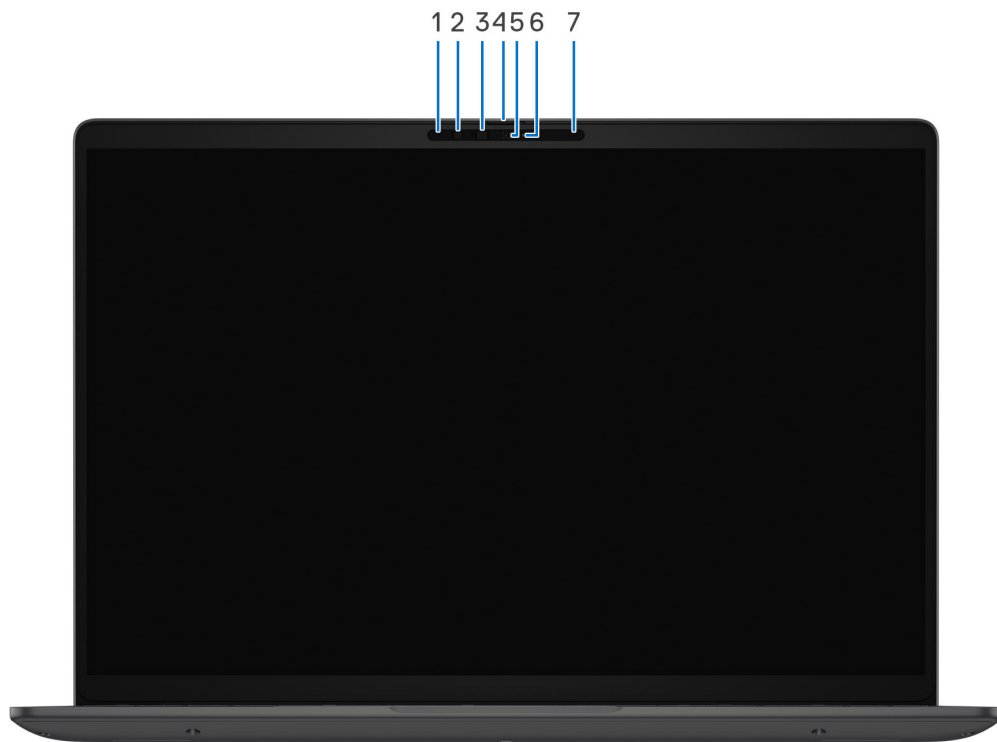


Figure 4. Front view

1. Left microphone

Provides digital sound input for audio recording and voice calls.

2. IR Sensor (optional)

The sensor detects the absence of the user and locks the computer for securing the computer and reducing power consumption.

3. Infrared emitter (optional)

Emits infrared light to support the infrared camera in detecting facial features and tracking motion for secure and responsive functionality.

4. Camera shutter

Features a manual privacy shutter that can slide to access the camera lens and slide over to block its view and safeguard your privacy when the camera is not in use.

5. Camera

The infrared emitter emits infrared light, which enables the infrared camera to sense and track motion.

6. Camera-status light

Illuminates automatically to indicate active camera usage, letting you know when the camera is recording or streaming.

7. Right microphone

Provides digital sound input for audio recording and voice calls.

Bottom view

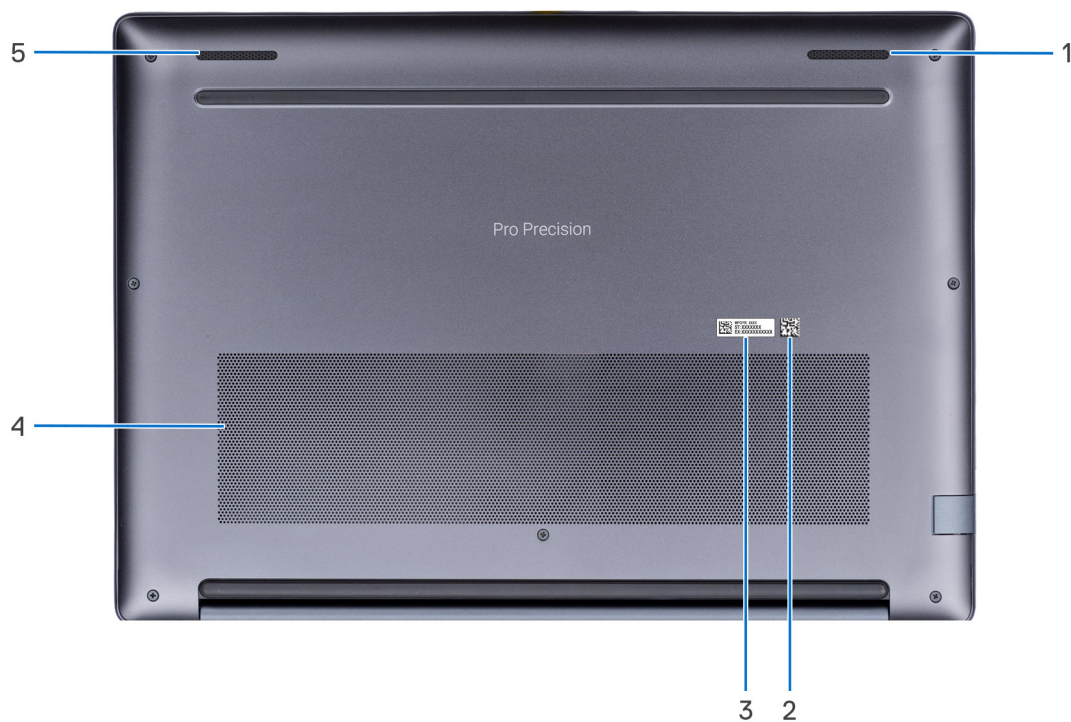


Figure 5. Bottom view

1. Right Speaker

Provides audio output.

2. MyDell QR code

MyDell is your hub for content that is personalized to your Dell Pro Precision 5 16S PW516265, including videos, articles, manuals, and access to 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. The Express Service Code is a numeric version of the Service Tag.

4. 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 the build-up of dust and dirt. For more information about cleaning air vents, search [Dell Support site](#).

5. Left speaker

Provides audio output.

Locate the Service Tag or Express Service Code label of your computer

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. The Express Service Code is a numeric version of the Service Tag.

For more information about how to find the Service Tag of your computer, search [Dell Support Site](#).



Figure 6. Service Tag/Express Service Code location

Battery-status light

The following table lists the battery-status light of your Dell Pro Precision 5 16S PW516265.

Table 1. Battery-status light behavior

Power source	LED behavior	System power state	Battery charge level
AC adapter	Off	S0 or S5	100%
AC adapter	Solid white	S0 or S5	< 100%
Battery	Off	S0 or S5	11-100%
Battery	Solid amber	S0 or S5	< 10%

- S0 (ON): The computer is turned on.
- S3 (Sleep): Screen is off, and the computer is in sleep mode.
- S4 (Hibernate): The computer consumes the least power in the Hibernate state than in the ON or OFF state. The computer is almost in the OFF state. The context data is written to a storage device, allowing you to resume from where you left after the computer is turned on.
- S5 (OFF): The computer is in a shutdown state.

Set up your Dell Pro Precision 5 16S PW516265

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.

NOTE: To conserve battery power, the battery might enter power-saving mode. Ensure that the power adapter is connected before turning on the computer.



Figure 7. Connect the power adapter and press the power button

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 [Dell Support Site](#).

For Windows:

Follow the on-screen instructions to complete the setup. When setting up, it is recommended that you:

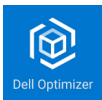
- Connect to a network for Windows updates.

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 an existing Microsoft account or create an 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. This step is optional but recommended.

Table 2. Locate Dell apps

Resources	Description
	Dell Optimizer is an application that is designed to enhance computer performance and productivity by optimizing settings for power, battery, display, collaboration touchpad, and presence detection. It also provides access to applications purchased with your new computer. For more information, see Dell Optimizer User's Guide 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 a proactive and predictive technology that offers automated technical support for Dell computers. It proactively monitors both hardware and software, addressing performance issues, preventing security threats, and automating engagement with Dell Technical Support. For more information, see the SupportAssist documentation at Dell Support Site.  NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.

Specifications of Dell Pro Precision 5 16S PW516265

Dimensions and weight

The following table lists the height, width, depth, and weight of your Dell Pro Precision 5 16S PW516265.

Table 3. Dimensions and weight

Description	Values
Front height	10.88 mm (0.43 in.)
Rear height	15.16 mm (0.59 in.)
Width	358.60 mm (14.12 in.)
Depth	253.40 mm (9.98 in.)
Weight  NOTE: The weight of your computer depends on the configuration that you ordered.	1.89 kg (4.17 lb)

Processor

The following table lists the details of the processors that are supported on your Dell Pro Precision 5 16S PW516265.

Table 4. Processor configuration Option one

Description	Option one	Option two	Option three	Option four
Processor type	AMD Ryzen AI 9 HX PRO 475	AMD Ryzen AI 9 PRO 465	AMD Ryzen AI 7 PRO 450	AMD Ryzen AI 5 PRO 435
Processor total core count	12	10	8	6
Processor total thread count	24	20	16	12
Processor frequency				
Maximum Boost frequency	5.2 GHz	5.0 GHz	5.1 GHz	4.5 GHz
Base frequency	3.3 GHz	3.3 GHz	3.6 GHz	3.4 GHz
Processor Cache	- L2: 12 MB - L3: 24 MB	- L2: 10 MB - L3: 24 MB	- L2: 8 MB - L3: 16 MB	- L2: 6 MB - L3: 8 MB
Integrated graphics	AMD Radeon 890M Graphics	AMD Radeon 890M Graphics	AMD Radeon 860M Graphics	AMD Radeon 840M Graphics
AI technology	AMD Ryzen AI	AMD Ryzen AI	AMD Ryzen AI	AMD Ryzen AI
Neural Processing Unit (NPU) performance	60 TOPS	50 TOPS	50 TOPS	50 TOPS

Table 4. Processor configuration Option one (continued)

Description	Option one	Option two	Option three	Option four
 NOTE: Tera Operations Per Second (TOPS) is an AI performance metric that indicates how many trillions of operations an AI processor can perform per second.				

Chipset

The following table lists the details of the chipset that is supported by your Dell Pro Precision 5 16S PW516265.

Table 5. Chipset

Description	Values
Chipset	Integrated in the processor
Processor	1. AMD Ryzen AI 9 HX PRO 475 2. AMD Ryzen AI 9 PRO 465 3. AMD Ryzen AI 7 PRO 450 4. AMD Ryzen AI 5 PRO 435
DRAM bus width	64-bit
Flash EPROM	64 MB
PCIe bus	Up to Gen4

Operating system

Your Dell Pro Precision 5 16S PW516265 supports the following operating systems:

- Windows 11 Home
- Windows 11 Pro
- Ubuntu Linux 24.04 LTS
- Red Hat Linux 10.3 Enterprise

Memory

The following table lists the memory specifications that are supported by your Dell Pro Precision 5 16S PW516265.

Table 6. Memory specifications

Description	Values
Memory slots	Onboard memory
Memory type	LPDDR5X
Memory speed	8533 MT/s
Maximum memory configuration	64 GB
Minimum memory configuration	16 GB
Memory size per slot	16 GB, 32 GB, 64 GB

Table 6. Memory specifications (continued)

Description	Values
Memory configurations supported	16 GB: 1 x 16 GB, LPDDR5X, 8533 MT/s, dual-channel 32 GB: 1 x 32 GB, LPDDR5X, 8533 MT/s, dual-channel 64 GB: 1 x 64 GB, LPDDR5X, 8533 MT/s, dual-channel

External ports and slots

The following table lists the external ports and slots on your Dell Pro Precision 5 16S PW516265.

Table 7. External ports and slots

Description	Values
Network port	One RJ45 Ethernet port (1 Gbps)
USB ports	- Two Thunderbolt 4 (40 Gbps) ports with Power Delivery and DisplayPort - One USB 3.2 Gen 1 (5 Gbps) Port - One USB 3.2 Gen 1(5 Gbps) Port with PowerShare
Audio port	One headset (headphone and microphone combo) port
Video port(s)	One HDMI 2.1 port
Media-card reader	Smart card reader (optional)
Power-adaptor port	Supported through the USB Type-C port
Security-cable slot	One security-cable slot (wedge-shaped)
SIM-card slot	Nano-SIM card slot (optional)

Internal slots

The following table lists the internal slots of your Dell Pro Precision 5 16S PW516265.

Table 8. Internal slots

Description	Values
M.2	- One M.2 2230/2280 slot for solid state drive - One M.2 2230 slot for WLAN card, Wi-Fi/Bluetooth - One M.2 3042-4G/3052-5G slot for WWAN card  NOTE: To learn more about the features of different types of M.2 cards, search Dell Support Site.

Ethernet

The following table lists the wired Ethernet Local Area Network (LAN) specifications of your Dell Pro Precision 5 16S PW516265.

Table 9. Ethernet specifications

Description	Values
Model	1. Realtek RTL8111EP-CG
Transfer rate	10/100/1000 Mbps

Wireless module

The following table lists the Wireless Local Area Network (WLAN) module that is supported on your Dell Pro Precision 5 16S PW516265.

Table 10. Wireless module specifications

Description	Values
Model number	MediaTek MT7925
Transfer rate	Up to 2882 Mbps
Frequency bands supported	2.4 GHz/5 GHz/6 GHz
Wireless standards	• Wi-Fi 802.11 a/b/g • Wi-Fi 4 (Wi-Fi 802.11n) • Wi-Fi 5 (Wi-Fi 802.11ac) • Wi-Fi 6 (Wi-Fi 802.11ax) • Wi-Fi 7 (Wi-Fi 802.11be)
Encryption	• 64-bit/128-bit WEP • AES-CCMP • TKIP
Bluetooth wireless card  NOTE: The functionality of the Bluetooth wireless card may vary based on the operating system.	Bluetooth 5.4 wireless card

WWAN module

The following table lists the Wireless Wide Area Network (WWAN) modules that are supported in your Dell Pro Precision 5 16S PW516265.

-  **NOTE:** The WWAN module is available only on certain configurations and in certain regions.
-  **NOTE:** Availability of the eSIM feature on this module may vary depending on your region and the support that is offered by your mobile carrier.
-  **NOTE:** For instructions on how to setup SIM or eSIM connections on your computer, see the *SIM/eSIM Setup Guide for Windows* available with your product documentation at [Dell Support Site](#).

Table 11. WWAN module specifications

Description	Option one	Option two
Model number	Qualcomm Snapdragon SDX12 Global LTE-Advanced, CAT12 i NOTE: For computers that are shipped with 4G WWAN support, only the 4G WWAN card is compatible with your computer.	MediaTek T700 Global 5G Modem i NOTE: For computers that are shipped with 5G WWAN support, only the 5G WWAN card is compatible with your computer.
Form factor	M.2 3042 Key-B	M.2 3052 Key-B
Host interface	USB 3.0/2.0	PCIe Gen3
Network standard	• LTE FDD • TDD • WCDMA/HSPA+ • GPS • GLONASS • Beidou • Galileo • QZSS	• NR FR1(Sub6) FDD/TDD • LTE FDD/TDD • WCDMA/HSPA+ • GPS • GLONASS • Galileo • BDS • QZSS
Transfer data rate	• Up to 600 Mbps DL (CAT12) • Up to 150 Mbps UL	• SA: DL 4.67 Gbps/ UL 1.25 Gbps • NSA: DL 3.74 Gbps/ UL 835 Mbps • LTE: DL 1.6 Gbps (CAT19)/ UL 211 Mbps • UMTS: DL 384 kbps / UL 384 kbps DL DC-HSPA+: 42 Mbps (CAT24) / UL 11.5 Mbps (CAT7)
Operating frequency bands	• LTE(B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B18, B19, B20, B25, B26, B28, B29, B32, B38, B39, B40, B41, B42, B43, B48, B66, B71) • HSPA+ (1,2,4,5,6,8,9,19)	• 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 i NOTE: The availability of eSIM functionality embedded on the module is dependent on the region and specific carrier requirements.	Supported through external SIM slot i NOTE: The availability of eSIM functionality embedded on the module is dependent on the region and specific carrier requirements.
eSIM with dual SIM (DSSA)	Supported	Supported
Antenna diversity	Supported	Supported
Radio on/off	Supported	Supported
Wake on wireless WAN	Supported	Supported

Table 11. WWAN module specifications (continued)

Description	Option one	Option two
Operating temperature	- Normal operating temperature: – 30°C to +70°C - Extended Operating temperature: –40°C to +85°C - Storage temperature: –40°C to +85°C	- Normal operating temperature: – 10°C to +55°C - Extended operating temperature: – 40°C to +85°C - Storage temperature: –60°C to +100°C
Antenna connector	- One WWAN Main Antenna - One WWAN Diversity Antenna	- One WWAN TX0 & PRX Connector - One WWAN DRX Combined GPS Connector - One WWAN MIMO PRX Connector - One WWAN TX1 & MIMO DRX Connector
 NOTE: For instructions to find your computer's International Mobile Equipment Identity (IMEI) number, search Dell Support Site .		

Audio

The following table lists the audio specifications of your Dell Pro Precision 5 16S PW516265.

Table 12. Audio specifications

Description	Values
Audio controller	Cirrus Logic codec CS42L45 and smart amp CS35L63
Stereo conversion	Supported
Internal audio interface	Soundwire Interface
External audio interface	One headset (headphone and microphone combo) port
Number of speakers	Two
Internal-speaker amplifier	Supported with external speaker amplifier
External volume controls	Keyboard shortcut controls
Speaker output:	
Average	2.0 W
Peak	2.5 W
Microphone	Digital-array microphones in camera assembly

Storage

This section lists the storage options on your Dell Pro Precision 5 16S PW516265.

Your Dell Pro 5 16S PW516265 supports one M.2 2230/2280 solid state drive.

Table 13. Storage specifications

Storage type	Interface type	Capacity
M.2 2230/2280 TLC PCIe Gen4 SSD	PCIe Gen4 NVMe, up to 64 Gbps	Up to 1 TB (256 GB, 512 GB, 1 TB)
M.2 2230/2280 TLC with DRAM PCIe Gen5 SED SSD	PCIe Gen4 NVMe, up to 64 Gbps	Up to 2 TB (1 TB, 2 TB)

Keyboard

The following table lists the keyboard specifications of your Dell Pro Precision 5 16S PW516265.

Table 14. Keyboard specifications

Description	Values
Keyboard type	- Standard backlit (Mini LED) keyboard - Standard non-backlit keyboard
Keyboard layout	QWERTY
Number of keys	- Arabic, Canada Bilingual (MUI), Chinese (Traditional), French-Canadian, English International, English US, French-Canadian, Greek, Hebrew, Korean, Thai, Ukrainian, Russian, English International (non-backlit), English US (non-backlit), Thai (non-backlit): 79 keys - Belgian, Brazilian, Bulgarian, Czech & Slovakian (MUI), Danish, English UK, Estonian, French-Canadian (80-key variant), French European, German, Hungarian, Icelandic, Italian, Nordic (MUI), Norwegian, Portuguese Iberian, Slovenian, Spanish (Castilian), Spanish (Latin America), Swedish/Finnish, Swiss European (MUI), Turkish, Turkish F: 80 keys - Brazilian: 81 keys - Japan: 83 keys
Key pitch	Horizontal = 18.05 mm Vertical = 18.05 mm
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) by changing Function Key Behavior in the BIOS Setup program. NOTE: If Copilot in Windows is not available on your computer, pressing the Copilot key launches Windows search. For more information about Copilot in Windows, search Dell Support site.

Keyboard shortcuts of Dell Pro Precision 5 16S PW516265

 **NOTE:** Keyboard characters may differ depending on the keyboard language configuration. Keys that are 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 that is 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 that is 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 multimedia control, as indicated by the icon on the key. Press the function key to enable the task represented by the icon. For example, pressing F1 mutes the audio (see the table below).

However, if the function keys F1-F12 are needed for specific software applications, multimedia functionality can be disabled by pressing **Fn + Esc**. Later, 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 the BIOS setup program.

Table 15. Function key primary behavior

Function key	Primary behavior
F1	Mute or unmute audio
F2	Decrease volume
F3	Increase volume
F4	Microphone Mute
F5	Dictation (for non-German layout)
F6	Keyboard Illumination/Backlight
F7	Decrease brightness
F8	Increase brightness
F9	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 secondary functions.

Table 16. 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 F6 behavior
Fn + F8	Operating system and application-specific F8 behavior
Fn + F9	Operating system and application-specific F9 behavior

Table 16. Secondary behavior (continued)

Function key	Secondary 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 + Ctrl	Open the application menu
Fn + Esc	Toggle between multimedia and function key behavior
Fn + PgUp	Scroll up the document or page
Fn + PgDn	Scroll down the document or page
Fn + Home	Move to the beginning of the document
Fn + End	Move to the end of the document
Fn + S	Scroll lock
FB + B	Pause
Fn + Ctrl + B	Break
Fn + R	SysReq
Fn + Shift + B	Unobtrusive mode
Copilot	Launch Copilot in Windows NOTE: If Copilot in Windows is not available on your computer, the Copilot key launches Recall. If both Recall and Copilot in Windows are not available on your computer, the Copilot key launches Windows Search. For more information about Copilot in Windows and Recall, search in the Knowledge Base Resource at the Dell Support Site.

Camera

The following table lists the camera specifications of your Dell Pro Precision 5 16S PW516265.

Table 17. Camera specifications

Description	Option one	Option two	Option three
Number of cameras	One	Two	Two
Camera type	RGB camera	FHD + IR camera	8MP + IR camera
Camera location	Front	Front	Front
Camera sensor type	CMOS sensor technology	CMOS sensor technology	CMOS sensor technology
Camera resolution:			
Still image	2.07 megapixels	2.07 megapixels	8.29 megapixels
Video	1920 x 1080 (FHD) at 30 fps	1920 x 1080 (FHD) at 30 fps	2560 x 1440 (QHD) at 30 fps
Infrared camera resolution:			
Video	Not applicable	360 x 360 at 15 fps	360 x 360 at 15 fps
Diagonal viewing angle:			
Camera	83 degrees	83 degrees	84.7 degrees

Table 17. Camera specifications (continued)

Description	Option one	Option two	Option three
Infrared camera	Not applicable	81.3 degrees	81.3 degrees

Touchpad

The following table lists the touchpad specifications of your Dell Pro Precision 5 16S PW516265.

Table 18. Touchpad specifications

Description	Values
Touchpad resolution	>=300 dpi
Touchpad dimensions:	
Horizontal	130 mm (5.11 in.)
Vertical	90 mm (3.54 in.)
Touchpad gestures	For more information about the touchpad gestures that are available on: - Windows, search Microsoft Support Site. - Ubuntu, search Ubuntu Support Site.

Power adapter

The following table lists the power adapter specifications of your Dell Pro Precision 5 16S PW516265.

Table 19. Power-adapter specifications

Description	Option one	Option two	Option three	Option 4	Option 5	Option 6
Type	65 W AC, USB Type-C , 2-pin	65 W AC adapter, USB Type C	100 W AC adapter, USB Type C	65W AC small form factor adapter, USB Type-C , 2-pin	65W AC cable adapter	65 W AC adapter, USB Type-C
Power-adapter dimensions:						
Height	31.00 mm (1.22 in.)	28.00 mm (1.10 in.)	26.50 mm (1.04 in.)	31 mm (1.22 in.)	31 mm (1.22 in.)	31 mm (1.22 in.)
Width	41.50 mm (1.63 in.)	51.00 mm (2.01 in.)	60.00 mm (2.36 in.)	41.5 mm (1.63 in.)	41 mm (1.61 in.)	41 mm (1.61 in.)
Depth	48.50 mm (1.91 in.)	112.00 mm (4.41 in.)	122.00 mm (4.80 in.)	48.5 mm (1.91 in.)	63 mm (2.48 in.)	63 mm (2.48 in.)
Input voltage	100 VAC to 240 VAC	100 VAC to 240 VAC	100 VAC to 240 VAC	100 VAC–240VAC	100 VAC–240VAC	100 VAC–240VAC
Input frequency	50 Hz to 60 Hz	50 Hz to 60 Hz	50 Hz to 60 Hz	50 Hz–60 Hz	50 Hz–60 Hz	50 Hz–60 Hz
Input current (maximum)	1.7 A	1.7 A	1.7 A	1.70 A	1.70 A	1.70 A
Output current (continuous)	20 V/3.25 A (continuous)	20 V/3.25 A (continuous)	20 V/5 A (continuous)	20 V/3.25 A (Continuous)	20 V/3.25 A (Continuous)	20 V/3.25 A (Continuous)

Table 19. Power-adapter specifications (continued)

Description	Option one	Option two	Option three	Option 4	Option 5	Option 6
	15 V/3 A (continuous) 9 V/3 A (continuous) 5 V/3 A (continuous)	15 V/3 A (continuous) 9 V/3 A (continuous) 5 V/3 A (continuous)	15 V/3 A (continuous) 9 V/3 A (continuous) 5 V/3 A (continuous)	15 V/3 A (Continuous) 9 V/3 A (Continuous) 5 V/3 A (Continuous)	15 V/3 A (Continuous) 9 V/3 A (Continuous) 5 V/3 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	20 VDC 15 VDC 9 VDC 5 VDC	20 VDC 15 VDC 9 VDC 5 VDC
Temperature range:						
Operating	0°C to 45°C (32°F to 109°F)	0°C to 40°C (32°F to 104°F)	0°C to 35°C (32°F to 95°F)	0°C to 45°C (32°F to 109°F)	0°C to 45°C (32°F to 109°F)	0°C to 45°C (32°F to 109°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)	-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.						

Power adapter requirements

 **NOTE:** If you did not purchase the Dell-branded power adapter that is recommended for your computer, ensure that the power adapter you use meets the following requirements.

The following table lists the power adapter requirements for your Dell Pro Precision 5 16S PW516265.

Table 20. Power adapter requirements

Description	Value
Power that is required from a power adapter to achieve optimal performance.	65 W
Power that charges the computer at a slower speed.  NOTE: A warning message may appear informing you about the use of a lower-powered adapter and slower charging speed.	Less than 60 W
Minimum power that is required from a power adapter to operate the computer and charge the battery.  NOTE: A warning message appears informing you about the use of a lower-powered adapter and slower charging speed.	27 W
USB Power Delivery (PD) fast charging	Supported
ExpressCharge mode	Supported

Battery

The following table lists the battery specifications of your Dell Pro Precision 5 16S PW516265.

Table 21. Battery specifications

Description	Option one	Option two
Battery type	3-cell "smart" lithium-ion (57 Wh)	3-cell "smart" lithium-ion (70 Wh)
Battery voltage	11.25 VDC	11.70 VDC
Battery weight (maximum)	0.24 kg (0.53 lb)	0.265 kg (0.59 lb)
Battery dimensions:		
Height	6.50 mm (0.26 in.)	6.50 mm (0.26 in.)
Width	272.00 mm (10.71 in.)	272.00 mm (10.71 in.)
Depth	74.90 mm (2.95 in.)	74.90 mm (2.95 in.)
Temperature range:		
Operating	0°C to 45°C (32°F to 113°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 (-40°F to 149°F)	-20°C to 65°C (-40°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) <i>i</i> NOTE: You can control the charging time, duration, start and end time, and so on, using the settings on the Dell Optimizer application. For more information about Dell Optimizer application, search Dell Support Site .	4 hours (when the computer is turned off)	4 hours (when the computer is turned off)
Coin-cell battery	No	No
Approximate life span	1 year	1 year
ExpressCharge	Yes	Yes
User replaceable	Yes, CRU type	Yes, CRU type
⚠ 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 Technologies recommends that you charge the battery regularly for optimal power consumption.		

Power requirements (for 3-cell lithium-ion, 57 Wh battery)

i **NOTE:** The information in this section is applicable to the European Union (EU) countries.

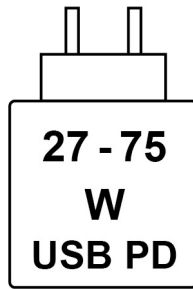


Figure 8. Pictogram for power charging requirements

The power that is delivered by the charger must be between a minimum of 27 Watts that is required by the radio equipment, and a maximum of 59 Watts in order to achieve the maximum charging speed.

This computer supports USB Power Delivery (PD) fast charging.

Power requirements (for 3-cell lithium-ion, 70 Wh battery)

NOTE: The information in this section is applicable to the European Union (EU) countries.

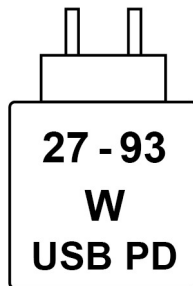


Figure 9. Pictogram for power charging requirements

The power that is delivered by the charger must be between a minimum of 27 Watts that is required by the radio equipment, and a maximum of 93 Watts in order to achieve the maximum charging speed.

This computer supports USB Power Delivery (PD) fast charging.

Display

The following table lists the display specifications of your Dell Pro Precision 5 16S PW516265.

Table 22. Display specifications

Description	Option one	Option two	Option three	Option four
Display type	16-inch, Full High Definition (FHD+)	16-inch Full High Definition (FHD+), No-pen support	16-inch Quad High Definition Plus (QHD+), ComfortView Plus	16-inch Full High Definition Plus (FHD+)
Display-panel technology	Wide Viewing Angle (WVA)	Wide Viewing Angle (WVA)	Wide Viewing Angle (WVA)	Wide Viewing Angle (WVA)
Display-panel dimensions (active area):				
Height	215.42 mm (8.48 in.)	215.42 mm (8.48 in.)	215.42 mm (8.48 in.)	215.42 mm (8.48 in.)
Width	344.68 mm (13.57 in.)	344.68 mm (13.57 in.)	344.68 mm (13.57 in.)	344.68 mm (13.57 in.)

Table 22. Display specifications (continued)

Description	Option one	Option two	Option three	Option four
Diagonal	406.46 mm (16.00 in.)	406.46 mm (16.00 in.)	406.46 mm (16.00 in.)	406.46 mm (16.00 in.)
Display-panel native resolution	1920 x 1200	1920 x 1200	2560 x 1600	1920 x 1200
Luminance (typical)	400 nits	400 nits	500 nits	500 nits
Megapixels	2.3	2.3	4.1	2.3
Color gamut	45% NTSC	45% NTSC	100% sRGB	100% sRGB
Pixels Per Inch (PPI)	142	142	189	142
Contrast ratio (typical)	1000:1	1000:1	1500:1	1500:1
Response time (maximum)	35 milliseconds	35 milliseconds	35 milliseconds	35 milliseconds
Refresh rate	60 Hz	60 Hz	120 Hz	20-120 Hz
Horizontal view angle	1. +/- 80 degrees (minimum) 2. +/- 85 degrees (typical)	+/- 85 degrees	+/- 85 degrees	+/- 85 degrees
Vertical view angle	1. +/- 80 degrees (minimum) 2. +/- 85 degrees (typical)	+/- 85 degrees	+/- 85 degrees	+/- 85 degrees
Pixel pitch	0.18 x 0.18 mm	0.18 x 0.18 mm	0.13 x 0.13 mm	0.18 x 0.18 mm
Power consumption (maximum)	5.65 W	5.60 W	5.97 W	4.75 W
Anti-glare vs glossy finish	Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare
Touch options	Non-Touch	Yes	No	No

Fingerprint reader

The following table lists the fingerprint-reader specifications of your Dell Pro Precision 5 16S PW516265.

Table 23. Fingerprint reader specifications

Description	Values
Sensor technology	Transapacitive
Sensor resolution	500 dpi
Sensor pixel size	108 mm x 88 mm

Sensors

The following table lists the sensors of your Dell Pro Precision 5 16S PW516265.

Table 24. Sensors

Sensors support
Hall Effect sensor
Low Power Vision AI Based User Presence Detection - Realtek
Accelerometer (for positional sensing)
Adaptive Thermal Performance (Lap vs. Desk mode)

External display support

The following table lists the external display support for your Dell Pro Precision 5 16S PW516265.

Table 25. External display support

Graphics card	Supported external displays with laptop display enabled	Supported external displays with laptop display disabled
AMD Radeon Graphics	- Three 4K monitors - One 8K monitor	- Four 4K monitors - Two 8K monitor
AMD Radeon 840M/860M/880M/890M		

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Dell Pro Precision 5 16S PW516265.

Table 26. GPU—Integrated

Controller	Memory size	Processor
AMD Radeon 840M	Shared system memory	AMD Ryzen AI 5 PRO 435
AMD Radeon 860M	Shared system memory	AMD Ryzen AI 7 PRO 450
AMD Radeon 880M	Shared system memory	AMD Ryzen AI 9 PRO 465
AMD Radeon 890M	Shared system memory	AMD Ryzen AI 9 HX PRO 475

Hardware security

The following table lists the hardware security of your Dell Pro Precision 5 16S PW516265.

Table 27. Hardware security

Hardware security
Kensington Wedge Shaped Lock Slot
Trusted Platform Module (TPM) 2.0 discrete
FIPS 140-3 certification for TPM
TCG Certification for TPM (Trusted Computing Group)
Touch fingerprint reader in the power button available with ControlVault 3+

Table 27. Hardware security (continued)

Hardware security
Contacted Smart Card with ControlVault 3+
Contactless Smart Card and NFC with ControlVault 3+
SED SSD NVMe, SSD and HDD (Opal and non-Opal) per SDL
Chassis Intrusion Detection
BIOS - TPM clear and/or system boot lock after chassis intrusion detection

Smart-card reader

Contacted smart-card reader

The following table lists the contacted smart-card reader specifications of your Dell Pro Precision 5 16S PW516265.

Table 28. Contacted smart-card reader specifications

Capability	Description
ISO 7816 -3 Class A Card Support	Reader capable of reading 5 V powered smart card
ISO 7816 -3 Class B Card Support	Reader capable of reading 3 V powered smart card
ISO 7816 -3 Class C Card support	Reader capable of reading 1.8 V powered smart card
ISO 7816-1 Compliant	Specification for the reader
ISO 7816 -2 Compliant	Specification for smart card device physical characteristics (size, location of connection points, and so on)
T=0 support	Cards support character-level transmission
T=1 support	Cards support block-level transmission
EMVCo Compliant	Compliant with EMVCo (for electronic payment standards) smart card standards published to EMVCo Site
EMVCo Certified	Formally certified based on EMVCO smart card standards
PC/SC operating system interface	Personal Computer or Smart Card specification for integration of hardware readers into personal computer environments
CCID driver compliance	Common driver support for Integrated Circuit Card Interface Device for OS level drivers
Windows Certified	Device certified by Microsoft WHCK
FIPS 201 (PIV/HSPD-12) Compliant via GSA	Device compliant with FIPS 201/PIV/HSPD-12 requirements
FIDO2 compliance	Dell ControlVault 3 Smart-card reader is compliant with the FIDO SPEC

Contactless smart-card reader

This section lists the contactless smart-card reader specifications of your Dell Pro Precision 5 16S PW516265.

Table 29. Contactless smart-card reader specifications

Capability	Description
FeliCa Card Support	Reader and software capable of supporting FeliCa contactless cards

Table 29. Contactless smart-card reader specifications (continued)

Capability	Description
ISO 14443 Type A Card Support	Reader and software capable of supporting ISO 14443 Type A contactless cards
ISO 14443 Type B Card Support	Reader and software capable of supporting ISO 14443 Type B contactless cards
ISO/IEC 21481	Reader and software capable of supporting ISO/IEC 21481 compliant contactless cards and tokens
ISO/IEC 18092	Reader and software capable of supporting ISO/IEC 18092 compliant contactless cards and tokens
ISO 15693 Card Support	Reader and software capable of supporting ISO 15693 contactless cards
NFC Tag Support	Supports reading and processing of NFC compliant tag information
NFC Reader Mode	Support for NFC Forum Defined Reader mode
NFC Writer Mode	Support for NFC Forum Defined Writer mode
NFC Peer-to-Peer Mode	Support for NFC Forum Defined Peer-to-Peer mode
EMVCo Compliant	Compliant with EMVCO smart card standards as published to EMVCo Site
EMVCo Certified	Formally certified based on EMVCO smart card standards
NFC Proximity OS Interface	Enumerates NFP (Near Field Proximity) device for operating system to utilize
PC/SC OS interface	Personal Computer/Smart Card specification for integration of hardware readers into personal computer environments
CCID driver compliance	Common driver support for Integrated Circuit Card Interface Device for operating system level drivers
Windows Certified	Device compatible with Windows operating systems
Dell ControlVault support	The device connects to Dell ControlVault for usage and processing
FIDO2 compliance	Dell ControlVault 3 Smart-card reader is compliant with the FIDO SPEC

Table 30. 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 Cards
	MIFARE Classic 1K White PVC Cards
	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

Table 30. Supported cards (continued)

Manufacturer	Card
	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

Operating and storage environment

This table lists the operating and storage specifications of your Dell Pro Precision 5 16S PW516265.

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

Table 31. 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 10,000 ft)	-15.2 m to 10,668 m (-49.87 ft to 35,000 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.

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.**

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 cm and 70 cm) from your eyes.
- Blink frequently to moisten your eyes, wet your eyes with water, or apply suitable eye drops.
- Take an extended break for 20 minutes every two hours.
- 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.

SafeShutter

SafeShutter is a feature of the camera or the computer that automatically opens or closes the camera shutter by syncing to your video conferencing applications when you grant permission.

SafeShutter lets you take control of your privacy with the camera disable (F9 key) and mic mute (F4 key) to override software settings. When the camera is on, press the F9 key to close the camera shutter and then press the F9 key again to open the camera shutter.

Dell Optimizer

Dell Optimizer is an AI-based software application that allows you to customize your computer settings for power and battery, and more.

For Dell Pro Precision 5 16S PW516265 with Dell Optimizer, you can:

- Extend the battery life of your computer with Intelligent Battery Extender and Dynamic Charge.
- Tune the performance, power consumption, cooling, and fan noise with selectable thermal modes.
- Access and secure your computer depending on your physical presence.
- Download and redeem the apps that are purchased with your computer.

For more information about configuring and using these features, search for *Dell Optimizer* at the [Dell Support Site](#).

Dell support policy

For information about Dell support policy, search [Dell Support Site](#).

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 32. Self-help resources

Self-help resources	Resource location
Information about Dell products and services	Dell Site
Contact Support	In Windows search, type <code>Contact Support</code> , 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 in your purchase invoice, packing slip, bill, or Dell product catalog.

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 33. Revision history

Revision	Date	Description
A01	07-2026	Added M.2 2280 solid state drive.
A00	05-2026	Original publish date.