

Dell Pro Precision 5 16

PW516261

Setup and Specifications

HINWEIS: Dieser Inhalt wurde möglicherweise mit KI übersetzt. Weitere Informationen finden Sie [hier](#).

Hinweise, Vorsichtshinweise und Warnungen

 **ANMERKUNG:** HINWEIS enthält wichtige Informationen, mit denen Sie Ihr Produkt besser nutzen können.

 **VORSICHT: ACHTUNG** deutet auf mögliche Schäden an der Hardware oder auf den Verlust von Daten hin und zeigt, wie Sie das Problem vermeiden können.

 **WARNUNG:** WARNUNG weist auf ein potenzielles Risiko für Sachschäden, Verletzungen oder den Tod hin.

Kapitel 1: Ansichten des Dell Pro Precision 5 16 PW516261-Systems.....	5
Right view.....	5
Left view.....	6
Top view.....	7
Front view.....	8
Bottom view.....	9
Locate the Service Tag or Express Service Code label of your computer.....	9
Battery-status light.....	10
Kapitel 2: Set up your Dell Pro Precision 5 16 PW516261.....	11
Kapitel 3: Technische Daten des Dell Pro Precision 5 16 PW516261.....	13
Abmessungen und Gewicht.....	13
Processor.....	13
Chipsatz.....	14
Betriebssystem.....	14
Memory.....	14
External ports and slots.....	15
Interne Steckplätze.....	15
Ethernet.....	16
Wireless-Modul.....	16
WWAN-Modul.....	16
Audio.....	18
Storage.....	18
Speicherkartenleser.....	18
Tastatur.....	19
Keyboard shortcuts.....	19
Camera.....	21
Touchpad.....	21
Power adapter.....	22
Power adapter requirements.....	22
Battery.....	23
Power requirements.....	24
Display.....	25
Fingerabdruck-Lesegerät (optional).....	26
GPU – integriert.....	26
GPU—Discrete.....	26
Multiple display support matrix.....	26
Hardwaresicherheit.....	27
Smartcardlesegerät.....	27
Kontaktbasiertes Smartcardlesegerät.....	27
Kontaktloses Smartcardlesegerät.....	28
Betriebs- und Storage-Umgebung.....	29
ComfortView Plus.....	29

Dell Optimizer.....	30
Dell Support-Richtlinien.....	30
Kapitel 4: Hilfe erhalten und Kontaktaufnahme mit Dell.....	31
Kapitel 5: Revision history.....	32

Ansichten des Dell Pro Precision 5 16 PW516261-Systems

Right view



Abbildung 1. Right view

1. nano-SIM card slot (optional)

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

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

2. Global headset port

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

3. USB 3.2 Gen 1 (5 Gbps) port with PowerShare

Connect devices such as external storage devices and printers.

Provides data transfer speeds up to 5 Gbps. PowerShare enables you to charge your USB devices even when your computer is turned off.

ANMERKUNG: If your computer is turned off or in a hibernation state, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in the BIOS setup program.

ANMERKUNG: Certain USB devices may not charge when the computer is turned off or in a sleep state. In such cases, turn on the computer to charge the device.

4. RJ45 ethernet port (1 Gbps)

Connect an RJ45 ethernet cable from a router or a broadband modem for network or Internet access, with a transfer rate of 10/100/1000 Mbps (maximum 1 Gbps).

5. Security-cable slot (wedge-shaped)

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

Left view

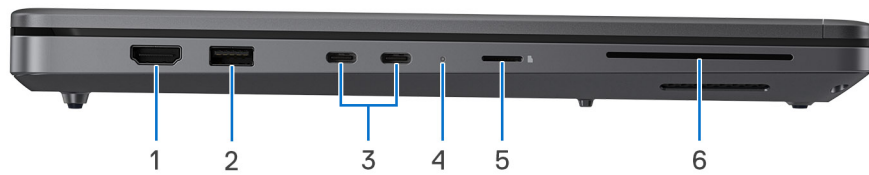


Abbildung 2. Left view

1. HDMI 2.1 port

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

2. USB 3.2 Gen 1 (5 Gbps) port

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

3. Two Thunderbolt 4 (40 Gbps) ports with Power Delivery and DisplayPort

Supports USB4, DisplayPort 2.1, Thunderbolt 4 and also enables you to connect to an external display using a display adapter. Provides data transfer rates of up to 40 Gbps for USB4 and Thunderbolt 4.

ANMERKUNG: The power adapter is to be connected to one of these Thunderbolt 4 ports.

ANMERKUNG: You can connect a Dell Docking Station to the Thunderbolt 4 ports. For more information, search in the Knowledge Base Resource at [Dell Support Site](#).

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

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

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

4. Power and battery-status light

Indicates the power state and battery state of the computer.

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

Solid amber—Computer is running on battery and the battery charge is low or critical.

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

ANMERKUNG: On certain computer models, the power and battery-status light are also used for diagnostics. For more information, see the *Troubleshooting* section in this document.

5. microSD-card slot

Reads from and writes to the microSD-card.

6. Smart-card reader slot (optional)

Reads information from a smart card with a built-in-chip.

Top view



Abbildung 3. Top view

1. Power button with optional fingerprint reader

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

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

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

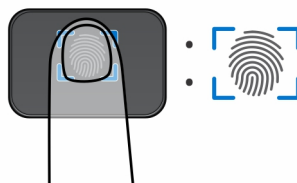


Abbildung 4. Active area of the fingerprint reader

ANMERKUNG: The highlighted area indicates the actual active fingerprint reader area, and the image is for illustration purposes only.

ANMERKUNG: You can customize power-button behavior in Windows. For more information, see [Manuals at Dell Support Site](#).

2. Precision touchpad

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

Front view



Abbildung 5. 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 to secure it and reduce 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. Privacy shutter

Slide the privacy shutter to cover the camera lens and protect your privacy when the camera is not in use.

5. Camera

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

6. Camera-status light

Turns on when the camera is in use.

7. Right microphone

Provides digital sound input for audio recording and voice calls.

Bottom view

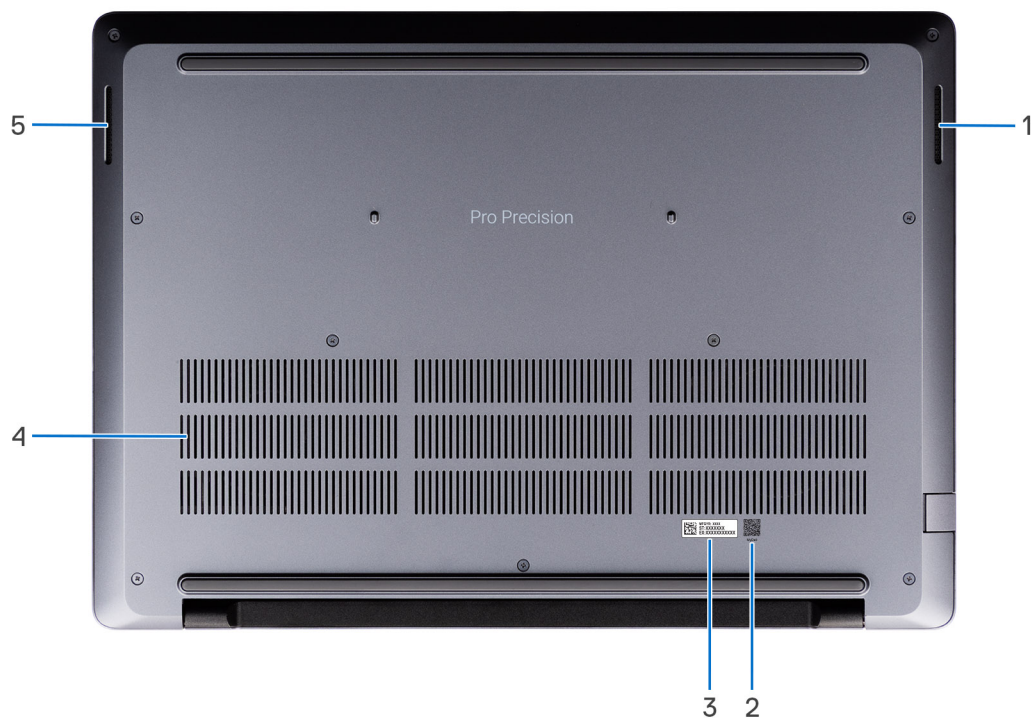


Abbildung 6. Bottom view

1. Right speaker

Provide audio output.

2. MyDell QR code

MyDell is your hub for content that is personalized for your Dell Pro Precision 5 16 PW516261, including videos, articles, manuals, and access to support.

3. Service Tag/Express Service Code 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

Provides ventilation for your computer. Clogged air vents can cause overheating and can affect the performance of your computer 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

Provide 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](#).



Abbildung 7. Service Tag/Express Service Code location

Battery-status light

The following table lists the battery-status light of your Dell Pro Precision 5 16 PW516261.

Tabelle 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 16 PW516261

Info über diese Aufgabe

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

Schritte

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

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



Abbildung 8. 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.

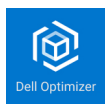
ANMERKUNG: If connecting to a secured wireless network, enter the password for the wireless network access when prompted.

- 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.

Tabelle 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.  ANMERKUNG: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.

Technische Daten des Dell Pro Precision 5 16 PW516261

Abmessungen und Gewicht

In der folgende Tabelle sind Höhe, Breite, Tiefe und Gewicht des Dell Pro Precision 5 16 PW516261-Systems aufgeführt.

Tabelle 3. Abmessungen und Gewicht

Beschreibung	Werte
Höhe Vorderseite	13.78 mm (0.54 in.)
Höhe Rückseite	18.36 mm (0.92 in.)
Breite	358 mm (14.09 in.)
Tiefe	256 mm (10.07 in.)
Gewicht  ANMERKUNG: Das Gewicht des Computers hängt von der Konfiguration Ihrer Bestellung ab.	Minimum weight: 2.16 kg (4.77 lb)

Processor

The following table lists the details of the processors that are supported on your Dell Pro Precision 5 16 PW516261.

Tabelle 4. Processor

Description	Option one	Option two	Option three
Type	Intel Core Ultra 5 336H	Intel Core Ultra 7 366H	Intel Core Ultra 9 386H
Wattage	65 W	80 W	80 W
Total cores	12	16	16
Number of Performance-cores	4	4	4
Number of Efficient-cores	4	8	8
Number of Low Power Efficient-cores	4	4	4
Total threads	12	16	16
Speed	Up to 4.60 GHz	Up to 4.80 GHz	Up to 4.90 GHz
Performance-core frequency			
Base frequency	1.90 GHz	2 GHz	2.10 GHz
Maximum turbo frequency	4.60 GHz	4.80 GHz	4.90 GHz
Efficient-core frequency			
Base frequency	1.50 GHz	1.60 GHz	1.60 GHz

Tabelle 4. Processor (fortgesetzt)

Description	Option one	Option two	Option three
Maximum turbo frequency	3.40 GHz	3.60 GHz	3.70 GHz
Low Power Efficient-core frequency			
Base frequency	1.50 GHz	1.60 GHz	1.60 GHz
Maximum turbo frequency	3.20 GHz	3.40 GHz	3.50 GHz
Processor cache	18 MB	18 MB	18 MB
Integrated graphics	Intel Graphics	Intel Graphics	Intel Graphics
X ^e -cores	4	4	4
Neural Processing Unit (NPU) AI performance	Up to 50 TOPS	Up to 50 TOPS	Up to 50 TOPS
 ANMERKUNG: Tera Operations Per Second (TOPS) is an AI performance metric that measures how many trillions of operations per second an AI processor can perform.			

Chipsatz

In der folgenden Tabelle sind die Details des von Ihrem Dell Pro Precision 5 16 PW516261 aufgeführt.

Tabelle 5. Chipsatz

Beschreibung	Werte
Chipsatz	Integrated with the processor
Prozessor	• Intel Core Ultra 5 Processor 336H • Intel Core Ultra 7 Processor 366H • Intel Core Ultra 9 Processor 386H
DRAM-Busbreite	64-bit
Flash-EPROM	Up to 64 MB
PCIe-Bus	Up to Gen5

Betriebssystem

Das Dell Pro Precision 5 16 PW516261-System unterstützt die folgenden Betriebssysteme:

- Windows 11 Home
- Windows 11 Pro
- Ubuntu Linux 24.04 LTS

Memory

The following table lists the memory specifications that are supported by your Dell Pro Precision 5 16 PW516261.

Tabelle 6. Memory specifications

Description	Values
Memory slots	LPCAMM2 slots

Tabelle 6. Memory specifications (fortgesetzt)

Description	Values
Memory type	LPCAMM DDR5x
Memory speed	8533 MT/s
Maximum memory configuration	64 GB
Minimum memory configuration	16 GB
Memory size per slot	16 GB, 32 GB, or 64 GB
Memory configurations supported	• 16 GB: 1 x 16 GB, LPCAMM DDR5x, 8533 MT/s, dual-channel • 32 GB: 1 x 32 GB, LPCAMM DDR5x, 8533 MT/s, dual-channel • 64 GB: 1 x 64 GB, LPCAMM DDR5x, 8533 MT/s, dual-channel

External ports and slots

The following table lists the external ports and slots on your Dell Pro Precision 5 16 PW516261.

Tabelle 7. External ports and slots

Description	Values
Network port	One RJ45 ethernet port (10 Gbps)
USB ports	• Two Thunderbolt 4 (40 Gbps) ports with Power Delivery and DisplayPort • One USB 3.2 Gen 1 (5 Gbps) port with PowerShare • One USB 3.2 Gen 1 (5 Gbps) port
Audio port	One global headset jack
Video port(s)	• Two Thunderbolt 4 (40 Gbps) ports with Power Delivery and DisplayPort • One HDMI 2.1 port
Media-card reader	• One microSD-card slot • One optional smart-card reader slot
Power-adaptor port	Supported via two Thunderbolt 4 (40 Gbps) ports with Power Delivery and DisplayPort
Security-cable slot	One wedge-shaped lock slot
SIM-card slot	One nano-SIM card slot (optional)
Smart card reader	One smart-card reader slot (optional)

Interne Steckplätze

In der folgenden Tabelle sind die internen Steckplätze des Dell Pro Precision 5 16 PW516261-Systems aufgeführt.

Tabelle 8. Interne Steckplätze

Beschreibung	Werte
M.2	• One M.2 Key-M (2230/2280) slot for solid-state drive • One M.2 3052 slot for WWAN card

Tabelle 8. Interne Steckplätze

Beschreibung	Werte
	 ANMERKUNG: Weitere Informationen über die Funktionen der verschiedenen Arten von M.2-Karten finden Sie auf der Dell Support-Website .

Ethernet

Die folgende Tabelle listet die Spezifikationen des verdrahteten Ethernet-LAN (Local Area Network) des Dell Pro Precision 5 16 PW516261 auf.

Tabelle 9. Ethernet – Technische Daten

Beschreibung	Werte
Modell	- Intel I219-LM for vPro configurations - Intel I219-V for non-vPro configurations
Übertragungsrate	10/100/1000 Mbps

Wireless-Modul

In der folgenden Tabelle ist das vom Dell Pro Precision 5 16 PW516261 unterstützte WLAN-Modul (Wireless Local Area Network) aufgeführt.

Tabelle 10. Wireless-Modul – Technische Daten

Beschreibung	Werte
Modellnummer	Intel BE211
Übertragungsrate	5760 Mbps
Unterstützte Frequenzbänder	2.4 GHz 5 GHz 6 GHz
WLAN-Standards	- Wi-Fi 802.11a/b/g - Wi-Fi 4 (Wi-Fi 802.11n) - Wi-Fi 5 (Wi-Fi 802.11ac) - Wi-Fi 6E (Wi-Fi 802.11ax) - Wi-Fi 7 (Wi-Fi 802.11be)
Verschlüsselung	64-bit/128-bit WEP 128-bit AES-CCMP 256-bit AES-GCMP
Bluetooth Wireless-Karte  ANMERKUNG: Die Funktionen der Bluetooth-Wireless-Karte können je nach Betriebssystem variieren.	Bluetooth 6.0 wireless card

WWAN-Modul

In der folgenden Tabelle ist das vom Dell Pro Precision 5 16 PW516261 unterstützte WWAN-Modul (Wireless Wide Area Network) aufgeführt.

ANMERKUNG: Das WWAN-Modul ist nur für bestimmte Konfigurationen und in bestimmten Regionen verfügbar.

ANMERKUNG: Die Verfügbarkeit der eSIM-Funktion in diesem Modul kann je nach Region und dem von Ihrem Mobilfunkanbieter angebotenen Support variieren.

ANMERKUNG: Anweisungen zum Einrichten von SIM- oder eSIM-Verbindungen auf Ihrem Computer finden Sie im *SIM/eSIM-Installationshandbuch für Windows*, das in der Produktdokumentation auf der [Dell Support-Website](#) verfügbar ist.

Tabelle 11. WWAN-Modul – Technische Daten

Beschreibung	Werte
Modellnummer	MediaTek T700-m Global 5G Modem (DW5933e-m)
Formfaktor	M.2 3052 Key-B
Hostschnittstelle	PCIe Gen3
Netzwerkstandard	• NR FR1(Sub6) FDD/TDD • LTE FDD/TDD • WCDMA/HSPA+ • GPS/GLONASS/Galileo/BDS/QZSS
Datenübertragungsrate	• 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)
Betriebsfrequenzbänder	• 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)
Netzteil	DC 3.135 V to 4.4 V, typical 3.3 V
SIM-Karte	Supported through external SIM slot
eSIM mit Dual-SIM (DSSA)	Supported (The availability of eSIM functionality embedded on the module is dependent on the region and specific carrier requirements)
Antennendiversität	Supported
Radio Ein/Aus	Supported
Wake-on-Wireless-WAN	Supported
Betriebstemperatur	• Normal: -10°C to + 55°C • Extended: -40°C to +85°C • Storage: -60°C to +100°C
Antennenanschluss	For example • One WWAN TX0 & PRX Connector • One WWAN DRX Combined GPS Connector • One WWAN MIMO PRX Connector • One WWAN TX1 & MIMO DRX Connector

Tabelle 11. WWAN-Modul – Technische Daten (fortgesetzt)

Beschreibung	Werte
 ANMERKUNG: Eine Anleitung zum Auffinden der IMEI-Nummer Ihres Computers (International Mobile Equipment Identity) finden Sie auf der Dell Support-Website .	

Audio

Die folgende Tabelle enthält die technischen Daten des Audios für das Dell Pro Precision 5 16 PW516261-System.

Tabelle 12. Audio

Beschreibung	Werte
Audio-Controller	Realtek ALC3333
Stereo-Konvertierung	Supported
Interne Audioschnittstelle	SoundWire interface
Externe Audioschnittstelle	One global headset port
Anzahl der Lautsprecher	Two
Interner Verstärker	Supported
Externe Lautstärkeregler	Keyboard shortcut controls
Lautsprecher Ausgang:	
Durchschnitt	4 W
Maximum	5 W
Mikrofon	Dual-array digital microphones

Storage

In diesem Abschnitt sind die Speicheroptionen des Dell Pro Precision 5 16 PW516261-Systems aufgeführt.

Your Dell Pro Precision 5 16 PW516261 supports one of the following storage configurations: One M.2 2230/M.2 2280 solid-state drive

Tabelle 13. Speicherspezifikationen

Speichertyp	Schnittstellentyp	Kapazität
M.2 2230 solid state drive	PCIe Gen 4 x4 NVMe	256 GB, 512 GB or 1 TB
M.2 2280 solid state drive, Self-Encrypting	PCIe Gen 5 x4 NVMe	1 TB or 2 TB

Speicherkartenleser

Die folgende Tabelle enthält die Spezifikationen der vom Dell Pro Precision 5 16 PW516261 unterstützten Medienkarten.

Tabelle 14. Technische Daten des Medienkartenlesegeräts

Beschreibung	Werte
Typ des Medienkartensteckplatzes	microSD 4.0 card
Unterstützte Medienkarten	• Micro Secure Digital (microSD) • Micro Secure Digital High Capacity (microSDHC) • Micro Secure Digital Extended Capacity (microSDXC)
 ANMERKUNG: Die maximale Kapazität des Kartenlesegeräts variiert je nach Standard der in Ihren Computer eingesetzten Medienkarte.	

Tastatur

Die folgende Tabelle enthält die technischen Daten der Tastatur für das Dell Pro Precision 5 16 PW516261-System.

Tabelle 15. Technische Daten der Tastatur

Beschreibung	Werte
Tastaturtyp	• Magnetite, Standard AI hotkey backlit keyboard • Magnetite, Standard AI hotkey non-backlit keyboard
Tastaturlayout	QWERTY
Anzahl der Tasten	• 99 keys (Arabic, Canadian [Bilingual], Chinese [Traditional], English International, English US, French Canadian, Greek, Hebrew, Korean, Russian, Thai, Ukrainian) • 100 keys (Belgian, Bulgarian, Czech/Slovak [MUI], Danish, English UK, Estonian, French European, German, Hungarian, Icelandic, Italian, Nordic MUI, Norwegian, Portuguese [Iberian], Slovenian, Spanish, Swedish/Finnish, Swiss European, Turkish) • 101 keys (Portuguese [Brazil]) • 103 keys (Japanese)
Tastenhöhe	Horizontal = 18.05 mm Vertical = 18.05 mm
Tastenkombinationen	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.  ANMERKUNG: You can define the primary behavior of the function keys (F1–F12) by changing Function Key Behavior in the BIOS Setup program.  ANMERKUNG: 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

 **ANMERKUNG:** 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 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, multimedia 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**.

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

Tabelle 16. Function key primary behavior

Function key	Primary behavior
F1	Mute or unmute audio
F2	Decrease volume
F3	Increase volume
F4	Microphone Mute
F5	Keyboard Illumination/Backlight
F6	Decrease brightness
F7	Increase brightness
F8	Switch to external display
F10	Print screen
F11	Home
F12	End

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

Tabelle 17. Secondary behavior

Function key	Secondary behavior
Fn + F1	Operating system and application-specific F1 behavior
Fn + F2	Operating system and application-specific F2 behavior
Fn + F3	Operating system and application-specific F3 behavior
Fn + F4	Operating system and application-specific F4 behavior
Fn + F5	Operating system and application-specific F5 behavior
Fn + F6	Operating system and application-specific F6 behavior
Fn + F7	Operating system and application-specific F6 behavior
Fn + F8	Operating system and application-specific F8 behavior
Fn + F9	Operating system and application-specific F9 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

Tabelle 17. Secondary behavior (fortgesetzt)

Function key	Secondary behavior
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
Copilot	Launch Copilot in Windows ANMERKUNG: 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 16 PW516261.

Tabelle 18. Camera specifications

Description	Option one	Option two
Number of cameras	One	One
Camera type	FHD+ RGB HDR camera	8MP HDR + IR camera
Camera location	Front	Front
Camera sensor type	CMOS sensor technology	CMOS sensor technology
Camera resolution:		
Still image	2.07 megapixel	8.29 megapixel
Video	1920 x 1080 (FHD) at 30 fps	2560 x 1440 (QHD) at 30 fps
Infrared camera resolution:		
Video	Not applicable	480 x 360 at 15 fps
Diagonal viewing angle:		
Camera	80.2 degrees	88.10 degrees
Infrared camera	Not applicable	86.60 degrees

Touchpad

The following table lists the touchpad specifications of your Dell Pro Precision 5 16 PW516261.

Tabelle 19. Touchpad specifications

Description	Values
Touchpad resolution:	
Horizontal	>=300 DPI

Tabelle 19. Touchpad specifications (fortgesetzt)

Description	Values
Vertical	>=300 DPI
Touchpad dimensions:	
Horizontal	125 mm (4.92 in.)
Vertical	88 mm (3.46 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 16 PW516261.

Tabelle 20. Power-adapter specifications

Description	Option one	Option two
Type	100 W AC adapter, USB Type-C	130 W AC adapter, USB Type-C
Power-adapter dimensions:		
Height	26.50 mm (1.04 in.)	22 mm (0.87 in.)
Width	60 mm (2.36 in.)	66 mm (2.60 in.)
Depth	122 mm (4.80 in.)	143 mm (5.63 in.)
Input voltage	100 VAC - 240 VAC	100 VAC - 240 VAC
Input frequency	50 Hz - 60 Hz	50 Hz - 60 Hz
Input current (maximum)	1.70 A	1.80 A
Output current (continuous)	• 20 V/5 A • 15 V/3 A • 9 V/3 A • 5 V/3 A	• 20 V/6.50 A • 5 V/1 A
Rated output voltage	• 20 VDC • 15 VDC • 9 VDC • 5 VDC	• 20 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 to 158°F)	-40°C to 70°C (-40°F to 158°F)
 VORSICHT: 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

 **ANMERKUNG:** 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 16 PW516261.

Tabelle 21. Power adapter requirements

Description	Value
Power that is required from a power adapter to achieve optimal performance.	100 W
Power that charges the computer at a slower speed.  ANMERKUNG: A warning message may appear informing you about the use of a lower-powered adapter and slower charging speed.	Less than 100 W
Minimum power that is required from a power adapter to operate the computer and charge the battery.  ANMERKUNG: A warning message appears informing you about the use of a lower-powered adapter and slower charging speed.	45 W
USB Power Delivery (PD) fast charging	Supported
ExpressCharge mode	Supported  ANMERKUNG: Ensure that the computer with a 64 Wh battery is connected to a 100 W power adapter for this feature to be supported.  ANMERKUNG: Ensure that the computer with a 96 Wh battery is connected to a 130 W power adapter for this feature to be supported.

Tabelle 22. Power adapter requirements

Description	Value
Power that is required from a power adapter to achieve optimal performance.	130 W
Power that charges the computer at a slower speed.  ANMERKUNG: A warning message may appear informing you about the use of a lower-powered adapter and slower charging speed.	Less than 130 W
Minimum power that is required from a power adapter to operate the computer and charge the battery.  ANMERKUNG: A warning message appears informing you about the use of a lower-powered adapter and slower charging speed.	45 W
USB Power Delivery (PD) fast charging	Supported
ExpressCharge mode	Supported  ANMERKUNG: Ensure that the computer with a 96 Wh battery is connected to a 130 W power adapter for this feature to be supported.

Battery

The following table lists the battery specifications of your Dell Pro Precision 5 16 PW516261.

Tabelle 23. Battery specifications

Description	Option one	Option two
Battery type	4-cell, 64 Wh, Lithium Ion Polymer, Standard Life, ExpressCharge	6-cell, 96 Wh, Lithium Ion Polymer, Standard Life, ExpressCharge
Battery voltage	15.60 VDC	11.70 VDC
Battery weight (maximum)	0.255 kg (0.56 lb)	0.22 kg (0.48 lb)
Battery dimensions:		
Height	7.71 mm (0.30 in.)	5.73 mm (0.22 in.)
Width	294.9 mm (11.61 in.)	263 mm (10.35 in.)
Depth	77.5 mm (3.05 in.)	68.90 mm (2.71 in.)
Temperature range:		
Operating	- Charge: 0°C to 50°C (32°F to 122°F) - Discharge: 0°C to 60°C (32°F to 140°F)	- Charge: 0°C to 50°C (32°F to 122°F) - Discharge: 0°C to 60°C (32°F to 140°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)  ANMERKUNG: You can control the charging time, duration, start and end time, and so on, using the Dell Power Manager application. For more information about Dell Power Manager, search Dell Support Site .	3 hours (when the computer is turned off)	3 hours (when the computer is turned off)
Coin-cell battery	Not applicable	Not applicable
 VORSICHT: 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.		
 VORSICHT: Dell Technologies recommends that you charge the battery regularly for optimal power consumption.		

Power requirements

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

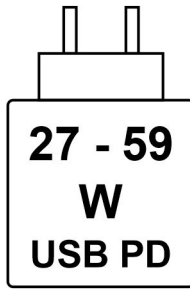


Abbildung 9. Pictogram for power charging requirements

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 59 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 16 PW516261.

Tabelle 24. Display specifications

Description	Option one	Option two	Option three
Display type	16" Full High Definition Plus (FHD+)	16" Full High Definition Plus (FHD+)	16" Quad High Definition Plus (QHD+), ComfortView Plus
Touch options	Not supported	Supported	Not supported
Display-panel technology	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.)
Width	344.68 mm (13.57 in.)	344.68 mm (13.57 in.)	344.68 mm (13.57 in.)
Diagonal	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
Luminance (typical)	400 nits	400 nits	400 nits
Megapixels	2.3	2.3	4.1
Color gamut	45% NTSC	45% NTSC	100% sRGB
Pixels Per Inch (PPI)	142	142	189
Contrast ratio (typical)	1000:1	1000:1	1200:1
Response time (maximum)	35 ms	35 ms	35 ms
Refresh rate	60 Hz	60 Hz	120 Hz
Horizontal view angle	- Minimum: 80 +/- degrees - Typical: 89 +/- degrees	- Minimum: 80 +/- degrees - Typical: 89 +/- degrees	- Minimum: 80 +/- degrees - Typical: 89 +/- degrees
Vertical view angle	- Minimum: 80 +/- degrees - Typical: 89 +/- degrees	- Minimum: 80 +/- degrees - Typical: 89 +/- degrees	- Minimum: 80 +/- degrees - Typical: 89 +/- degrees
Pixel pitch	0.18 x 0.18	0.18 x 0.18	0.13 x 0.13
Power consumption (maximum)	5.65 W	5.60 W	5.97 W
Anti-glare vs glossy finish	Anti-glare	Anti-glare	Anti-glare

Fingerabdruck-Lesegerät (optional)

Die folgende Tabelle enthält die technischen Daten des optionalen Fingerabdruck-Lesegeräts für das Dell Pro Precision 5 16 PW516261.

Tabelle 25. Technische Daten des Fingerabdruck-Lesegeräts

Beschreibung	Werte
Sensortechnologie	Capacitive sensing
Sensorauflösung	500 dpi
Sensorpixelgröße	108 mm x 88 mm

GPU – integriert

Die folgende Tabelle enthält die technischen Daten des vom Dell Pro Precision 5 16 PW516261 unterstützten integrierten Grafikprozessors (GPU).

Tabelle 26. GPU – integriert

Controller	Speichergröße	Prozessor
Intel Graphics	Shared system memory	- Intel Core Ultra 5 Processor 336H - Intel Core Ultra 7 Processor 366H - Intel Core Ultra 9 Processor 386H

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Dell Pro Precision 5 16 PW516261.

Tabelle 27. GPU—Discrete

Controller	Memory size	Memory type
NVIDIA RTX Pro 500 Blackwell	6 GB	GDDR7
NVIDIA RTX Pro 1000 Blackwell	8 GB	GDDR7
NVIDIA RTX Pro 2000 Blackwell	8 GB	GDDR7

Multiple display support matrix

The following table lists the multiple display support matrix for your Dell Pro Precision 5 16 PW516261.

Tabelle 28. Multiple display support matrix

Graphics Card	Direct Graphics Controller Direct Output Mode	Supported external displays with computer internal display on	Supported external displays with computer internal display off
Intel Graphics	Not supported	3	4
NVIDIA Graphics	Not supported	3	4

Hardwaresicherheit

Die folgende Tabelle enthält Informationen zur Hardwaresecurity für das Dell Pro Precision 5 16 PW516261.

Tabelle 29. Hardware security

Hardware security
One wedge-shaped lock slot
Windows Hello - Fingerprint Reader (optional)
Trusted Platform Module TPM 2.0
FIPS 140-2 certification for TPM
TCG Certification for TPM (Trusted Computing Group)
Finger Print Reader in Power Button available with and without ControlVault 3 Plus
ControlVault 3 Plus Advanced Authentication with FIPS 140-3 Level 3 Certification
Contacted Smart Card and ControlVault 3 Plus
Contactless Smart Card, NFC, and ControlVault 3 Plus
SED SSD NVMe, SSD per SDL

Smartcardlesegerät

Kontaktbasiertes Smartcardlesegerät

In der folgenden Tabelle werden die technischen Daten des kontaktbasierten Smartcardlesegeräts Ihres Dell Pro Precision 5 16 PW516261 aufgeführt.

Tabelle 30. 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

Tabelle 30. Contacted smart-card reader specifications (fortgesetzt)

Capability	Description
FIDO2 compliance	Dell ControlVault 3 Smart-card reader is compliant with the FIDO SPEC

Kontaktloses Smartcardlesegerät

In diesem Abschnitt werden die technischen Daten des kontaktlosen Smartcardlesegeräts des Dell Pro Precision 5 16 PW516261 aufgeführt.

Tabelle 31. Contactless smart-card reader specifications

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

Tabelle 32. Supported cards

Manufacturer	Card
HID	jCOP readertest3 A card (14443a)
	1430 1L

Tabelle 32. Supported cards (fortgesetzt)

Manufacturer	Card
	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
	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

Betriebs- und Storage-Umgebung

In dieser Tabelle sind die Betriebs- und Lagerungsspezifikationen Ihres Dell Pro Precision 5 16 PW516261-System aufgeführt.

Luftverschmutzungsstufe: G1 gemäß ISA-S71.04-1985

Tabelle 33. Computerumgebung

Beschreibung	Während des Betriebs	Storage
Temperaturbereich	0°C to 35°C (32 °F to 95°F)	-40°C to 65°C (-40°F to 149°F)
Relative Luftfeuchtigkeit (maximal)	10% to 90% (non-condensing)	0% to 95% (non-condensing)
Vibration (maximal)*	0.66 GRMS	1.30 GRMS
Stoß (maximal)	110 G†	160 G†
Höhenbereich	-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)
 VORSICHT: Die Temperaturbereiche für Betrieb und Lagerung können je nach Komponente variieren, sodass das Betreiben oder Lagern des Geräts außerhalb dieser Bereiche die Leistung bestimmter Komponenten beeinträchtigen kann.		

* Gemessen über ein Vibrationsspektrum, das eine Benutzerumgebung simuliert.

† gemessen mit einem Halbsinus-Impuls von 2 ms.

ComfortView Plus

 **WARNUNG:** Eine längere Exposition gegenüber blauem Licht vom Bildschirm kann zu Langzeiteffekten wie z. B. Belastung der Augen, Ermüdung der Augen oder Schädigung der Augen führen.

Blaues Licht ist eine Farbe im Lichtspektrum, die eine kurze Wellenlänge und hohe Energie hat. Eine längere Exposition gegenüber blauem Licht, besonders aus digitalen Quellen, kann Schlafstörungen verursachen und zu Langzeiteffekten wie z. B. Belastung der Augen, Ermüdung der Augen oder Schädigung der Augen führen.

Der Bildschirm dieses Computers ist so konzipiert, dass er blaues Licht minimiert und die Anforderungen des TÜV Rheinland an Displays mit geringer Blaulichtemission erfüllt.

Der Modus „Low Blue Light“ ist werksseitig aktiviert, sodass keine weitere Konfiguration erforderlich ist.

Um das Risiko einer Belastung für die Augen zu reduzieren, wird außerdem Folgendes empfohlen:

- Positionieren Sie das Display in einem bequemen Anzeigebereich zwischen 50 cm und 70 cm (20 und 28 Zoll) von Ihren Augen.
- Blinzeln Sie häufig, um die Augen zu befeuchten, benetzen Sie die Augen mit Wasser oder verwenden Sie Augentropfen.
- Machen Sie alle zwei Stunden eine längere Pause von 20 Minuten.
- Sehen Sie während der Pause von Ihrem Bildschirm weg und betrachten Sie mindestens 20 Sekunden ein entferntes Objekt in etwa 6 m Entfernung.

Dell Optimizer

Dell Optimizer ist eine KI-basierte Softwareanwendung, mit der Sie Ihre Computereinstellungen für Strom und Akku und vieles mehr anpassen können.

Für Dell Pro Precision 5 16 PW516261 mit Dell Optimizer können Sie Folgendes tun:

- Verlängern Sie die Akkulaufzeit Ihres Computers mit Intelligent Battery Extender und Dynamic Charge.
- Optimieren Sie die Leistung, den Stromverbrauch, die Kühlung und das Lüftergeräusch mit auswählbaren thermischen Modi.
- Greifen Sie je nach physischer Anwesenheit auf Ihren Computer zu und sichern Sie ihn.
- Laden Sie die mit Ihrem Computer erworbenen Apps herunter und lösen Sie sie ein.

Weitere Informationen zur Konfiguration und Verwendung dieser Funktionen finden Sie im *Dell Optimizer* auf der [Dell Support-Website](#).

Dell Support-Richtlinien

Informationen zu den Dell Support-Richtlinien finden Sie auf [der Dell Support-Website](#).

Hilfe erhalten und Kontaktaufnahme mit Dell

Selbsthilfe-Ressourcen

Mithilfe dieser Selbsthilfe-Ressourcen erhalten Sie Informationen und Hilfe zu Dell-Produkten:

Tabelle 34. Selbsthilfe-Ressourcen

Selbsthilfe-Ressourcen	Ort der Ressource
Informationen zu Produkten und Dienstleistungen von Dell	Dell Website
Kontaktieren des Supports	Geben Sie in der Windows-Suche Contact Support ein und drücken Sie die Eingabetaste.
Onlinehilfe für Betriebssystem	Windows Support-Seite Linux Support-Seite
Greifen Sie auf Top-Lösungen, Diagnosen, Treiber und Downloads zu und erfahren Sie mithilfe von Videos, Handbüchern und Dokumenten mehr über Ihren Computer.	Ihr Dell Computer wird durch eine Service-Tag-Nummer oder einen Express-Servicecode eindeutig identifiziert. Um die relevanten Support-Ressourcen für Ihren Dell Computer anzuzeigen, geben Sie auf der Dell Support-Seite die Service-Tag-Nummer oder den Express-Servicecode ein. Weitere Informationen dazu, wie Sie das Service-Tag Ihres Computers finden, finden Sie unter Suchen des Service-Tags Ihres Computers .
Artikel in der Dell Wissensdatenbank	1. Rufen Sie die Dell Support-Seite auf. 2. Wählen Sie in der Menüleiste oben auf der Support-Seite Support > Supportbibliothek aus. 3. Geben Sie in das Suchfeld auf der Seite in der Support-Bibliothek das Schlüsselwort, das Thema oder die Modellnummer ein und klicken oder tippen Sie dann auf das Suchsymbol, um die zugehörigen Artikel anzuzeigen.

Kontaktaufnahme mit Dell

Informationen zur Kontaktaufnahme mit Dell für den Verkauf, den technischen Support und den Kundendienst erhalten Sie unter [Support kontaktieren auf der Dell Support-Seite](#).

 **ANMERKUNG:** Die Verfügbarkeit der Services kann je nach Land oder Region und Produkt variieren.

 **ANMERKUNG:** Wenn Sie nicht über eine aktive Internetverbindung verfügen, können Sie Kontaktinformationen auch auf Ihrer Auftragsbestätigung, dem Lieferschein, der Rechnung oder im Dell Produktkatalog finden.

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.

Tabelle 35. Revision history

Revision	Date	Description
A00	May 2026	Original publish date.