Inspiron 5585

Setup and Specifications

DELLEMC

Notes, cautions, and warnings

(i) **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.**

Contents

Set up your Inspiron 5585

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

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

ⓘ **NOTE: To conserve battery power, the computer might enter power saving mode (sleep state). Connect the power adapter and press the power button to turn on the computer.**

2. Finish Windows setup.

   Follow the on-screen instructions to complete the setup. When setting up, Dell recommends 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 or create a Microsoft account. If not connected to the internet, create an offline account.
   - On the **Support and Protection** screen, enter your contact details.

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

Table 1. Locate Dell apps

Resources	Description
My Dell	
	Centralized location for key Dell applications, help articles, and other important information about your computer. It also notifies you about the warranty status, recommended accessories, and software updates if available.
SupportAssist	
	Pro-actively checks the health of your computer's hardware and software. The SupportAssist OS Recovery tool troubleshoots issues with the operating system. For more information, see the SupportAssist documentation at www.dell.com/support.
	ⓘ **NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.**
Dell Update	
	Updates your computer with critical fixes and latest device drivers as they become available. For more information about using Dell Update, see the knowledge base article SLN305843 at www.dell.com/support.

| Resources	Description
	Dell Digital Delivery Download software applications, which are purchased but not pre-installed on your computer. For more information about using Dell Digital Delivery, see the knowledge base article 153764 at www.dell.com/support.

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Views of Inspiron 5585

Front

1. **Left microphone**

   Provides digital sound input for audio recording and voice calls.
2. **Camera**

   Enables you to video chat, capture photos, and record videos.
3. **Camera-status light**

   Turns on when the camera is in use.
4. **Right microphone**

   Provides digital sound input for audio recording and voice calls.

Right

1. **SD-card slot**

   Reads from and writes to the SD card.
2. **USB 2.0 port**

   Connect peripherals such as external storage devices and printers. Provides data transfer speeds up to 480 Mbps.
3. **Network port**

   Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or Internet access.
4. **Security-cable slot (wedge-shaped)**

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

Left
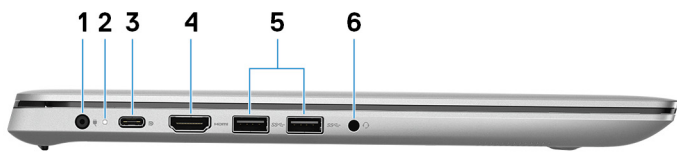
1. **Power-adapter port**

   Connect a power adapter to provide power to your computer.
2. **Power and battery-status light**

   Indicates the power state and battery state of the computer.

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

   Solid amber—Battery charge is low or critical.

   Off—Battery is fully charged.
3. **USB 3.1 Gen 1 (Type-C) port with Power Delivery/DisplayPort**

   Connect peripherals such as external storage devices, printers, and external displays.

   Supports Power Delivery that enables two-way power supply between devices. Provides up to 7.5 W power output that enables faster charging.

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

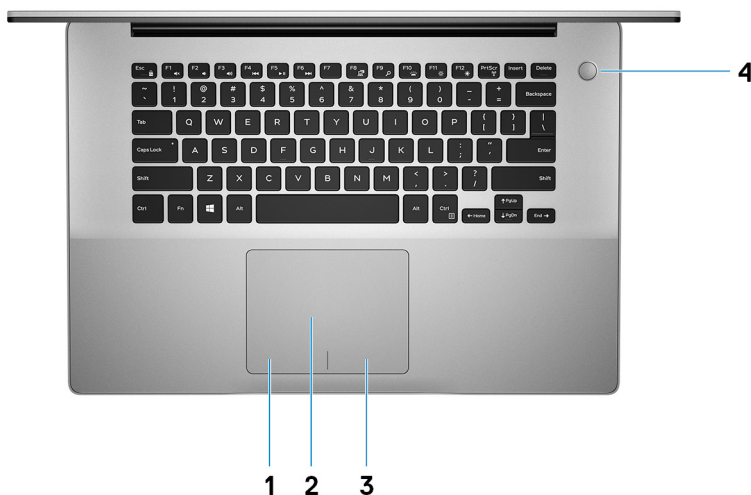   Connect to a TV or another HDMI-in enabled device. Provides video and audio output.
5. **USB 3.0 ports (2)**

   Connect peripherals such as external storage devices and printers. Provides data transfer speeds up to 5 Gbps.
6. **Headset port**

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

Base

1. **Left-click area**

   Press to left-click.
2. **Touchpad**

   Move your finger on the touchpad to move the mouse pointer. Tap to left-click and two finger tap to right-click.
3. **Right-click area**

   Press to right-click.

4. **Power button with optional fingerprint reader**

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

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

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

   (i) **NOTE: You can customize power-button behavior in Windows. For more information, see _Me and My Dell_ at www.dell.com/support/manuals.**

   (i) **NOTE: The power-status light on the power button is available only on computers without the fingerprint reader. Computers shipped with the fingerprint reader integrated on the power button will not have the power-status light on the power button.**

Display
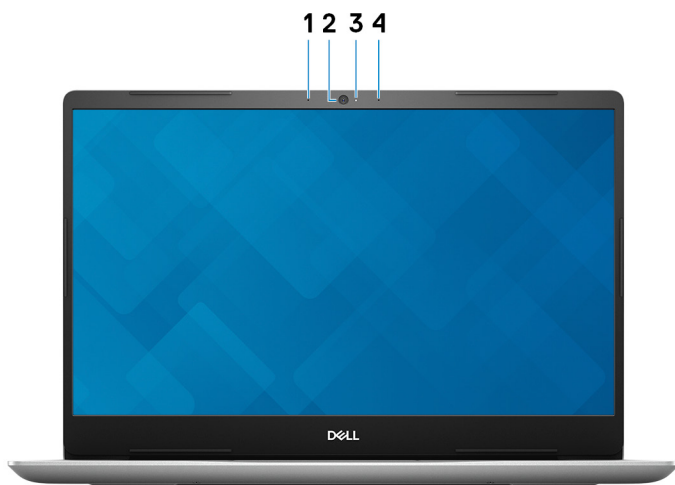
1. **Left microphone**

   Provides digital sound input for audio recording and voice calls.
2. **Camera**

   Enables you to video chat, capture photos, and record videos.
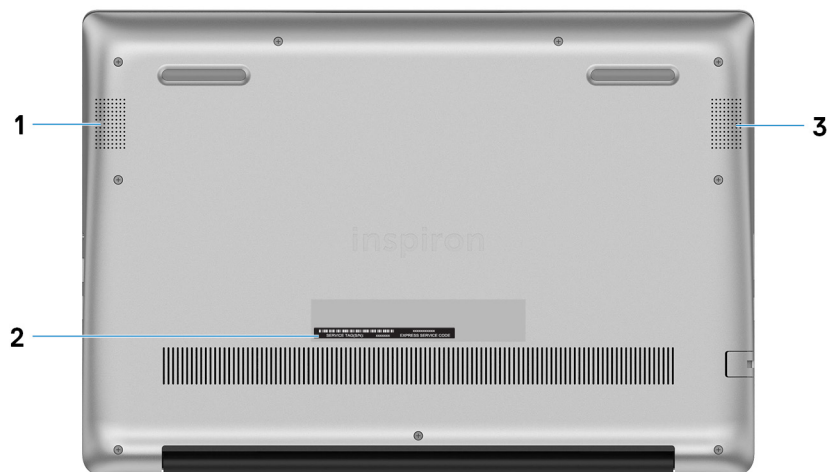3. **Camera-status light**

   Turns on when the camera is in use.
4. **Right microphone**

   Provides digital sound input for audio recording and voice calls.

Bottom

1. **Left speaker**

   Provides audio output.
2. **Service Tag label**

   The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information.
3. **Right speaker**

   Provides audio output.

Specifications of Inspiron 5585

Dimensions and weight

Table 2. Dimensions and weight

Description	Values
Height:	
Front	18.04 mm (0.71 in.)
Rear	19.50 mm (0.77 in.)
Width	359.10 mm (14.14 in.)
Depth	249 mm (9.80 in.)
Weight (maximum)	1.88 kg (4.14 lb) - minimum

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

Processors

Table 3. Processors

Description	Values			
Processors	AMD Athlon 300U Mobile Processor	AMD Ryzen 3 3200U Mobile Processor	AMD Ryzen 5 3500U Mobile Processor	AMD Ryzen 7 3700U Mobile Processor
Wattage	15 W	15 W	15 W	15 W
Core count	2	2	4	4
Thread count	4	4	8	8
Speed	Up to 2.4 GHz	Up to 2.6 GHz	Up to 2.1 GHz	Up to 2.3 GHz
Cache	• L2: 1 MB • L3: 4 MB	• L2: 1 MB • L3: 4 MB	• L2: 2 MB • L3: 4 MB	• L2: 2 MB • L3: 4 MB
Integrated graphics	Radeon Vega 3 Graphics	Radeon Vega 3 Graphics	Radeon Vega 8 Graphics	Radeon RX Vega 10 Graphics

Chipset

Table 4. Chipset

Description	Values
Chipset	Integrated in the processor
Processor	• AMD Athlon 300U Mobile Processor

Description	Values
	• AMD Ryzen 3 3200U Mobile Processor • AMD Ryzen 5 3500U Mobile Processor • AMD Ryzen 7 3700U Mobile Processor
DRAM bus width	64-bit
Flash EPROM	16 MB
PCIe bus	Up to Gen 3.0

Operating system

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

Memory

Table 5. Memory specifications

Description	Values
Slots	Two dual-channel SODIMM slots
Type	DDR4
Speed	2666 MHz ⓘ **NOTE: The 2666 MHz memory functions at 2400 MHz with AMD Ryzen mobile processors.**
Maximum memory	32 GB
Minimum memory	4 GB
Memory size per slot	4 GB, 8 GB, and 16 GB
Configurations supported	• 4 GB DDR4 at 2400 MHz (1 x 4 GB) • 8 GB DDR4 at 2400 MHz (1 x 8 GB) • 8 GB DDR4 at 2400 MHz (2 x 4 GB) • 12 GB DDR4 at 2400 MHz (1 x 4 GB + 1 x 8 GB) • 16 GB DDR4 at 2400 MHz (2 x 8 GB) • 16 GB DDR4 at 2400 MHz (1 x 16 GB) • 32 GB DDR4 at 2400 MHz (2 x 16 GB)

Ports and connectors

Table 6. External ports and connectors

Description	Values
External:	
Network	One RJ45 port
USB	• One USB 3.1 Gen 1 Type-C port with PowerDelivery/DisplayPort • Two USB 3.1 Gen 1 ports • One USB 2.0 port

Description	Values
Audio	One headset (headphone and microphone combo) port
Video	One HDMI-out 1.4b port (no 4k/2k support)
Media card reader	One SD-card slot
Docking port	Not supported
Power adapter port	One 4.5 mm x 2.9 mm DC-in port
Security	One security-cable slot (wedge-shaped)

Table 7. Internal ports and connectors

Description	Values
Internal:	
M.2	• One M.2 slot for Wi-Fi and Bluetooth combo card • One M.2 (2230/2280) slot for solid-state drive ⓘ **NOTE: To learn more about the features of different types of M.2 cards, see the knowledge base article SLN301626.**

Communications

Ethernet

Table 8. Ethernet specifications

Description	Values
Model number	Ethernet controller (integrated in the system board)
Transfer rate	10/100 Mbps

Wireless module

Table 9. Wireless module specifications

Description	Values	
Model number	Qualcomm QCA9377 (DW1810)	Qualcomm QCA61x4A (DW1820)
Transfer rate	Up to 433 Mbps	Up to 867 Mbps
Frequency bands supported	Dual band 2.4 GHz/5 GHz	Dual band 2.4 GHz/5 GHz
Wireless standards	• WiFi 802.11a/b/g • Wi-Fi 4 (WiFi 802.11n) • Wi-Fi 5 (WiFi 802.11ac)	• WiFi 802.11a/b/g • Wi-Fi 4 (WiFi 802.11n) • Wi-Fi 5 (WiFi 802.11ac)
Encryption	• 64-bit/128-bit WEP • AES-CCMP • TKIP	• 64-bit/128-bit WEP • AES-CCMP • TKIP
Bluetooth	Bluetooth 4.2	Bluetooth 4.2

Description	Values
	ⓘ **NOTE: Windows 10 supports up to Bluetooth 4.2 with the latest Windows update.**

Audio

Table 10. Audio specifications

Description	Values
Controller	Realtek ALC3204 with Waves MaxxAudio Pro
Stereo conversion	24-bit DAC (Digital-to-Analog) and ADC (Analog-to-Digital)
Internal interface	High-definition audio interface
External interface	Universal Audio Jack/HDMI 1.4b port
Speakers	Two
Internal speaker amplifier	Supported
External volume controls	Keyboard shortcut controls
Speaker output:	
Average	2 W
Peak	2.5 W
Subwoofer output	Not supported
Microphone	Digital-array microphones in camera assembly

Storage

Your computer supports **one** of the following configurations:

- One solid-state drive (M.2 2230 or M.2 2280) only
- One 2.5-inch hard-disk drive only
- One solid-state drive (M.2 2230 or M.2 2280) and one 2.5-inch hard-disk drive
  ⓘ **NOTE: The M.2 solid-state drive is the primary drive.**

Table 11. Storage specifications

Storage type	Interface type	Capacity
2.5-inch hard drive	SATA AHCI 6 Gbps	• 500 GB (5400 RPM) • 1 TB (5400 RPM) • 2 TB (5400 RPM)
M.2 2230/2280 solid-state drive	PCIe NVMe 3.0 x4	Up to 1 TB

Media-card reader

Table 12. Media-card reader specifications

Description	Values
Type	One SD-card slot
Cards supported	• Secure Digital (SD) • Secure Digital High Capacity (SDHC) • Secure Digital Extended Capacity (SDXC)

Keyboard

Table 13. Keyboard specifications

Description	Values
Type	• Standard keyboard • Backlit keyboard (optional)
Layout	QWERTY
Number of keys	United States: 80 keys
Size	X = 19.05 mm key pitch Y = 18.05 mm key pitch
Shortcut keys	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 BIOS setup program.** See Keyboard shortcuts.

Camera

Table 14. Camera specifications

Description	Values
Number of cameras	One
Type	RGB HD camera
Location	Front camera
Sensor type	CMOS sensor technology
Resolution:	
Still image	0.92 megapixel (HD)
Video	1280 x 720 (HD) at 30 fps
Diagonal viewing angle	78.6 degrees

Touchpad

Table 15. Touchpad specifications

Description	Values
Resolution:	
Horizontal	1229
Vertical	929
Dimensions:	
Horizontal	105 mm (4.13 in.)
Vertical	80 mm (3.15 in.)

Touchpad gestures

For more information about touchpad gestures for Windows 10, see the Microsoft knowledge base article 4027871 at support.microsoft.com.

Power adapter

Table 16. Power adapter specifications

Description	Values
Type	45 W
Diameter (connector)	4.5 mm x 2.9 mm
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.30 A
Output current (continuous)	2.31 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0°C to 40°C (32°F to 104°F)
Storage	−40°C to 70°C (−40°F to 158°F)

Battery

Table 17. Battery specifications

Description	Values
Type	3-cell polymer (42 WHr)
Voltage	11.40 VDC
Weight (maximum)	0.2 kg (0.44 lb)

Description	Values
Dimensions:	
Height	5.90 mm (0.23 in.)
Width	90.73 mm (3.57 in.)
Depth	175.47 mm (6.91 in.)
Temperature range:	
Operating	0°C to 35°C (32°F to 95°F)
Storage	−40°C to 65°C (−40°F to 149°F)
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Charging time (approximate)	4 hours (when the computer is off) ⓘ NOTE: **Control the charging time, duration, start and end time, and so on using the Dell Power Manager application. For more information on the Dell Power Manager see *Me and My Dell* on www.dell.com/.**
Life span (approximate)	300 discharge/charge cycles
Coin-cell battery	CR-2032
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.

Display

Table 18. Display specifications

Description	Values
Type	Full High Definition (FHD)
Panel technology	In-Plane Switching (IPS)
Luminance (typical)	220 nits
Dimensions (active area):	
Height	193.59 mm (7.62 in.)
Width	344.16 mm (13.55 in.)
Diagonal	394.90 mm (15.55 in.)
Native resolution	1920 x 1080
Megapixels	2.07
Pixels Per Inch (PPI)	141 PPI
Contrast ratio (min)	600:1
Response time (max)	35 ms rise/fall
Refresh rate	60 Hz
Horizontal view angle	+/- 80 degrees

Description	Values
Vertical view angle	+/- 80 degrees
Pixel pitch	0.179 mm
Power consumption (maximum)	4.2 W
Anti-glare vs glossy finish	Anti-glare
Touch options	Not supported

Fingerprint reader (optional)

Table 19. Fingerprint reader specifications

Description	Values
Sensor technology	Capacitive
Sensor resolution	500 PPI
Sensor area	5.5 mm x 4.5 mm (0.22 in. x 0.17 in.)
Sensor pixel size	108 pixels x 88 pixels

Video

Table 20. Video specifications

Discrete graphics

Controller	External display support	Memory size	Memory Type
AMD Radeon 630 ⓘ **NOTE: This option is available in some regions only.**	One USB 3.1 Gen 1 Type-C port with PowerDelivery/DisplayPort	2 GB	GDDR5

Table 21. Video specifications

Integrated graphics

Controller	External display support	Memory size	Processor
AMD Radeon Vega 3 Graphics	• One HDMI 1.4b port • One USB 3.1 Gen 1 Type-C port with PowerDelivery/DisplayPort	Shared system memory	• AMD Athlon 300U Mobile Processor • AMD Ryzen 3 3200U Mobile Processor
AMD Radeon Vega 8 Graphics	• One HDMI 1.4b port • One USB 3.1 Gen 1 Type-C port/ with PowerDelivery/DisplayPort	Shared system memory	AMD Ryzen 5 3500U Mobile Processor
AMD Radeon RX Vega 10 Graphics	• One HDMI 1.4b port • One USB 3.1 Gen 1 Type-C port with PowerDelivery/DisplayPort	Shared system memory	AMD Ryzen 7 3700U Mobile Processor

Computer environment

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

Table 22. 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 (maximum)	−15.2 m to 3,048 m (−50 ft to 10,000 ft)	−15.2 m to 10,668 m (−50 ft to 35,000 ft)

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

† Measured using a 2 ms half-sine pulse when the hard drive is in use.

Keyboard shortcuts

(i) **NOTE: Keyboard characters may differ depending on the keyboard language configuration. Keys used for shortcuts remain the same across all language configurations.**

Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. The symbol shown on the lower part of the key refers to the character that is typed out when the key is pressed. If you press shift and the key, the symbol shown on the upper part of the key is typed out. For example, if you press **2**, 2 is typed out; if you press **Shift** + **2**, @ is typed out.

The keys F1-F12 at the top row of the keyboard are function keys for multi-media control, as indicated by the icon at the bottom of the key. Press the function key to invoke the task represented by the icon. For example, pressing F1 mutes the audio (refer to the table below).

However, if the function keys F1-F12 are needed for specific software applications, multi-media functionality can be disabled by pressing **Fn** + **Esc**. Subsequently, multi-media control can be invoked by pressing **Fn** and the respective function key. For example, mute audio by pressing **Fn** + **F1**.

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

Table 23. List of keyboard shortcuts

Function key	Primary Behavior	Secondary Behavior (Fn + Key)
F1 ◀×	Mute audio	F1 behavior
F2 ◀	Decrease volume	F2 behavior
F3 ◀))	Increase volume	F3 behavior
F4 ◀◀	Play previous track/chapter	F4 behavior
F5 ▶II	Play/Pause	F5 behavior
F6 ▶▶I	Play next track/chapter	F6 behavior
F8	Switch to external display	F8 behavior
F9	Search	F9 behavior
F10	Toggle keyboard backlight (optional) (i) **NOTE: Non-backlight keyboards have F10 function key without the backlight icon and does not support toggle keyboard backlight function.**	F10 behavior
F11 ☀	Decrease brightness	F11 behavior
F12 ☀	Increase brightness	F12 behavior

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

Table 24. List of keyboard shortcuts

Function key	Behavior
Fn + PrtScr	Turn off/on wireless
Fn + B	Pause/Break
Fn + Insert	Sleep
Fn + S	Toggle scroll lock
Fn + H	Toggle between power and battery-status light/hard-drive activity light
Fn + R	System request
Fn + Ctrl	Open application menu
Fn + Esc	Toggle Fn-key lock
Fn + ↑ PgUp	Page up
Fn + ↓ PgDn	Page down
Fn + ←Home	Home
Fn + End →	End

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 25. Self-help resources

Self-help resources	Resource location
Information about Dell products and services	www.dell.com
My Dell app	
Tips	
Contact Support	In Windows search, type `Contact Support`, and press Enter.
Online help for operating system	www.dell.com/support/windows
Troubleshooting information, user manuals, setup instructions, product specifications, technical help blogs, drivers, software updates, and so on.	www.dell.com/support
Dell knowledge base articles for a variety of computer concerns.	1. Go to www.dell.com/support. 2. Type the subject or keyword in the **Search** box. 3. Click **Search** to retrieve the related articles.
Learn and know the following information about your product: • Product specifications • Operating system • Setting up and using your product • Data backup • Troubleshooting and diagnostics • Factory and system restore • BIOS information	See *Me and My Dell* at www.dell.com/support/manuals. To locate the *Me and My Dell* relevant to your product, identify your product through one of the following: • Select **Detect Product**. • Locate your product through the drop-down menu under **View Products**. • Enter the **Service Tag number** or **Product ID** in the search bar.

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see www.dell.com/contactdell.

(i) **NOTE: Availability varies by country/region and product, and some services may not be available in your country/region.**

(i) **NOTE: If you do not have an active internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.**