

Vostro 3690

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.

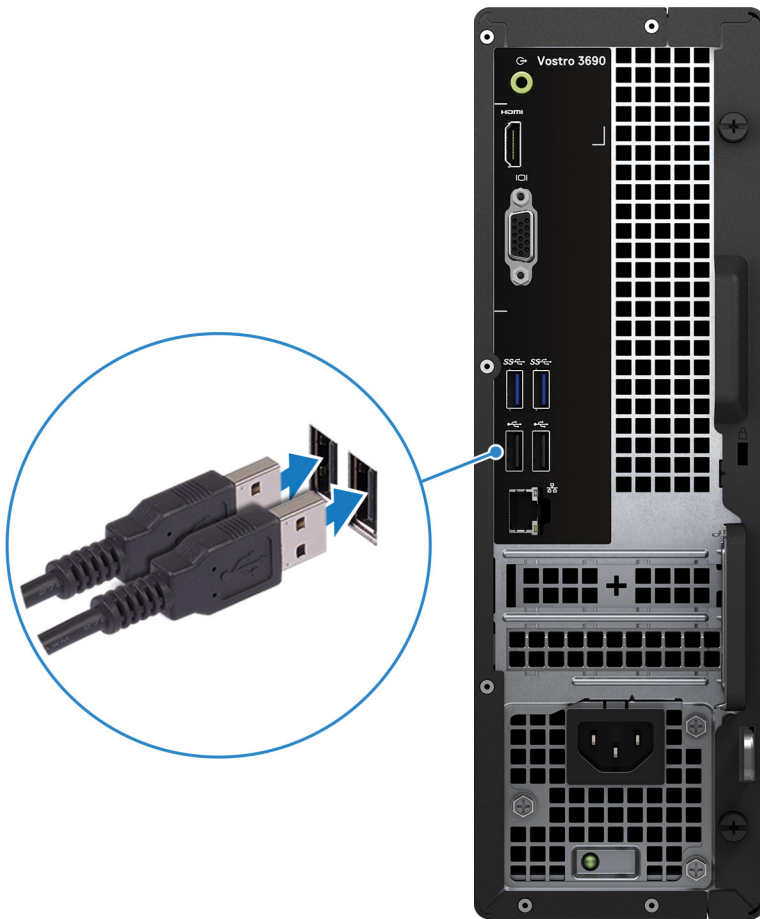
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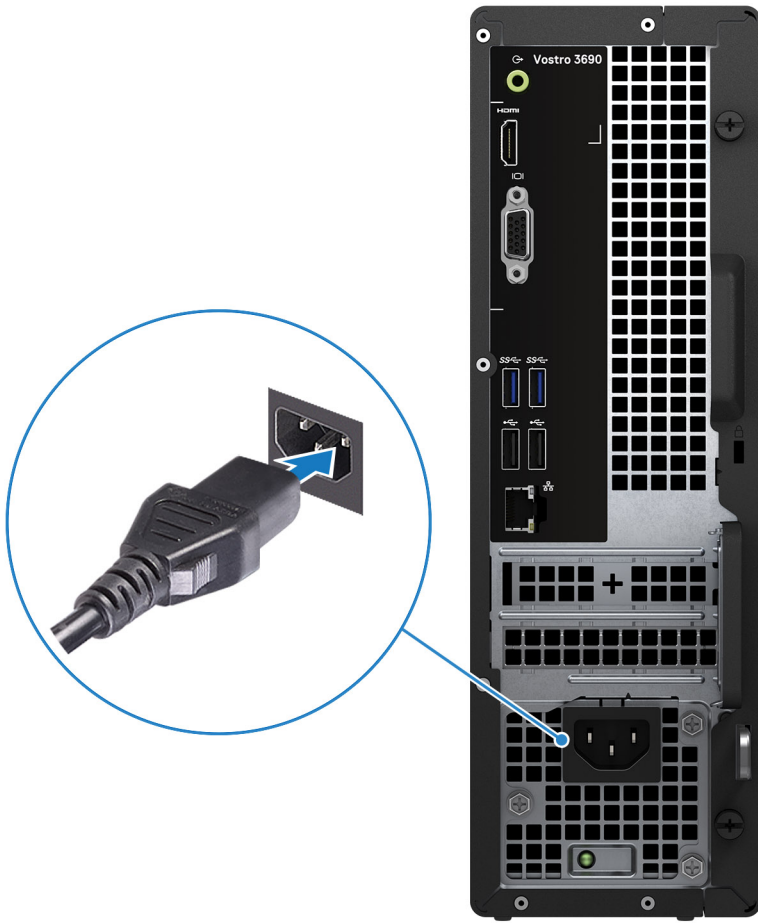
Set up your computer

Steps

1. Connect the keyboard and mouse.



2. Connect to your network using a cable, or connect to a wireless network.



5. Press the power button.



6. Finish operating system setup.

For Windows: Follow the on-screen instructions to complete the setup. When setting up, Dell Technologies 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.
 - a. Connect to a network.
 - b. Sign in to your Microsoft account or create a new account.

7. Locate and use Dell apps from the Windows Start menu.

Table 1. Locate Dell apps







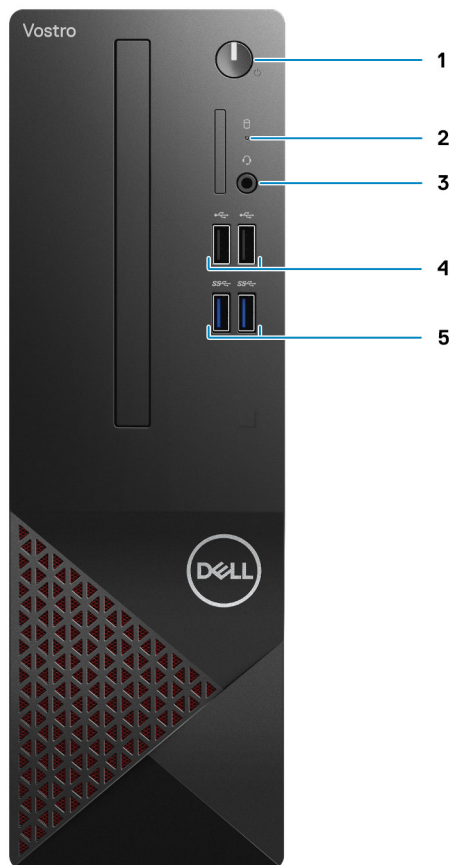
Resources	Description
	<p>Dell Product Registration</p> <p>Register your computer with Dell.</p>
	<p>Dell Help & Support</p> <p>Access help and support for your computer.</p>

Table 1. Locate Dell apps (continued)

Resources	Description
	<p>SupportAssist</p> <p>Proactively checks the health of your computer's hardware and software.</p> <p> NOTE: Renew or upgrade your warranty by clicking the warranty expiry date in SupportAssist.</p>
	<p>Dell Update</p> <p>Updates your computer with critical fixes and important device drivers as they become available.</p>
	<p>Dell Digital Delivery</p> <p>Download software applications including software that is purchased but not preinstalled on your computer.</p>

Views of Vostro 3690

Front



1. Power button with diagnostic LED

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.

2. Hard drive activity light

The hard-drive activity light turns on when the computer reads from or writes to a hard drive.

3. Global headset jack

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

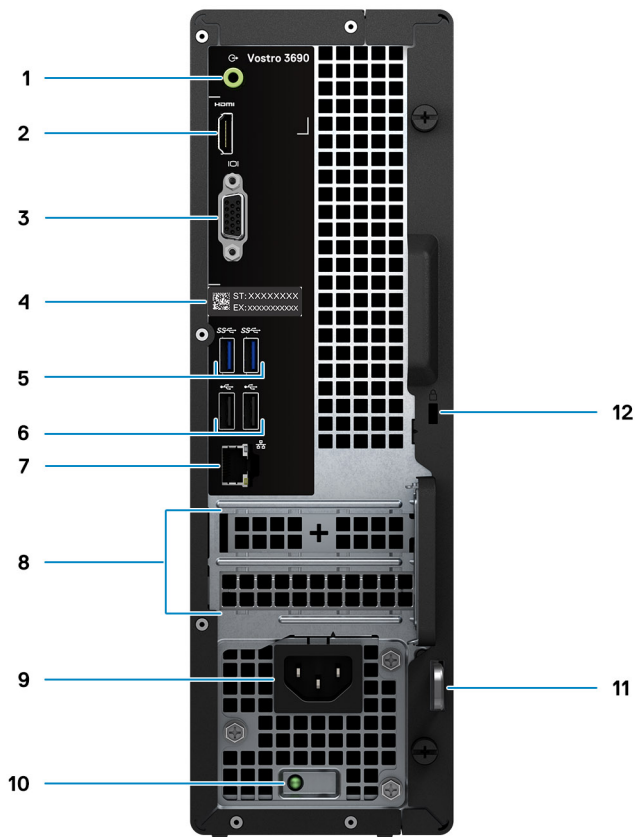
4. Two USB 2.0 ports

Connect devices such as external storage devices and printers. Provides data transfer speeds up to 480 Mbps.

5. Two USB 3.2 Gen 1 ports

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

Back



1. Line-out audio port

Connect speakers.

2. HDMI 1.4b port

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

3. VGA port

Connect an external display or a projector.

4. Service tag

Service Tag is an identifier used to access product information like technical specifications, documentation, warranty, and support.

5. USB 3.2 Gen 1 ports

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

6. USB 2.0 ports

Connect devices such as external storage devices and printers. Provides data transfer speeds up to 480 Mbps.

7. RJ-45 Ethernet port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or Internet access.

8. PCI-Express slot

Provide access to ports on any installed PCI Express cards.

9. Power connector port

Connect a power cable to provide power to your computer.

10. Power-supply diagnostics light

Indicates the power-supply state.

11. Padlock ring

Attach a standard padlock to prevent unauthorized access to the interior of your computer.


12. Kensington cable-lock slot

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

Specifications of Vostro 3690

Dimensions and weight

Table 2. Dimensions and weight

Description	Values
Height	290 mm (11.42 in.)
Width	92.60 mm (3.65 in.)
Depth	292.80 mm (11.53 in.)
Weight (minimum)	4.1 kg (9.039 lb)
Weight (maximum)	4.83 kg (10.65 lb)
	 NOTE: The weight of your computer depends on the configuration ordered and the manufacturing variability.

Processors

Table 3. Processors

Processors	Wattage	Core count	Thread count	Speed	Cache	Integrated graphics
Intel Celeron G5905	58 W	2	2	up to 3.50 GHz	4 MB	Intel UHD Graphics 610
Intel Pentium Gold G6405	58 W	2	4	up to 4.10 GHz	4 MB	Intel UHD Graphics 610
10 th Generation Intel Core i3-10105	65 W	4	8	3.70 GHz to 4.40 GHz	6 MB	Intel UHD Graphics 630
11 th Generation Intel Core i5-11400	65 W	6	12	2.60 GHz to 4.40 GHz	12 MB	Intel UHD Graphics 730
11 th Generation Intel Core i7-11700	65 W	8	16	2.50 GHz to 4.90 GHz	16 MB	Intel UHD Graphics 750

Chipset

The following table lists the details of the chipset that is supported in your Vostro 3690.

Table 4. Chipset

Description	Values
Chipset	Intel B560

Table 4. Chipset (continued)

Description	Values
Processor	<ul style="list-style-type: none"> 11th Generation Intel Core i5/i7 10th Generation Intel Pentium, Celeron and Intel Core i3
DRAM bus width	64-bit, dual-channel
Flash EPROM	32 MB
PCIe bus	Up to Gen 3.0

Operating system

Your Vostro 3690 supports the following operating systems:

- Windows 11 Home, 64-bit
- Windows 11 Pro, 64-bit
- Windows 11 Pro National Academic, 64-bit
- Windows 10 Home, 64-bit
- Windows 10 Pro, 64-bit

Memory

The following table lists the memory specifications of your Vostro 3690.

i **NOTE:** A multiple-DIMM memory option is recommended to prevent any performance reduction. If the system configuration includes integrated graphics, consider selecting 2 UDIMMs.

i **NOTE:** Memory modules should be installed in pairs of matched memory size, speed, and technology. If the memory modules are not installed in matched pairs, the computer continues to operate, but with a slight reduction in performance. The entire memory range is available to 64-bit operating systems.

Table 5. Memory specifications

Description	Values
Memory slots	Two UDIMM slots
Memory type	DDR4
Memory speed	2666/2933 MHz
Maximum memory configuration	64 GB
Minimum memory configuration	4 GB
Memory size per slot	4 GB, 8 GB, 16 GB, 32 GB
Memory configurations supported	<ul style="list-style-type: none"> 4 GB, 1 x 4 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i7, 2666 MHz for Intel Core i5 8 GB, 1 x 8 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i7, 2666 MHz for Intel Core i5 8 GB, 2 x 4 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i7, 2666 MHz for Intel Core i5

Table 5. Memory specifications (continued)

Description	Values
	<ul style="list-style-type: none"> ● 12 GB, 1 x 4 GB + 1 x 8 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i7, 2666 MHz for Intel Core i5 ● 16 GB, 1 x 16 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i7, 2666 MHz for Intel Core i5 ● 16 GB, 2 x 8 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i7, 2666 MHz for Intel Core i5 ● 32 GB, 1 x 32 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i5/i7 ● 32 GB, 2 x 16 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i7, 2666 MHz for Intel Core i5 ● 64 GB, 2 x 32GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i7, 2666 MHz for Intel Core i5

External ports and slots

The following table lists the external ports of your Vostro 3690.

Table 6. External ports and slots

Description	Values
Network port	One RJ-45 Ethernet port (rear)
USB ports	<ul style="list-style-type: none"> ● Two USB 3.2 Gen 1 ports (front) ● Two USB 2.0 ports (front) ● Two USB 3.2 Gen 1 ports (rear) ● Two USB 2.0 ports (rear)
Audio port	<ul style="list-style-type: none"> ● One Global headset jack (front) ● One Line-out port (rear)
Video port(s)	<ul style="list-style-type: none"> ● One HDMI 1.4b port (rear) ● One VGA port (rear)
Media-card reader	Not supported
Power-adapter port	AC-in port
Security-cable slot	<ul style="list-style-type: none"> ● One Kensington cable-lock slot ● One Padlock ring

Internal slots

The following table lists the internal slots of your Vostro 3690.

Table 7. Internal slots

Description	Values
PCIe expansion	1 Half height PCIe x1 slot
SATA	<ul style="list-style-type: none"> One SATA 3.0 slot for 2.5-inch/3.5-inch hard drive One SATA 2.0 slot for optical drive
M.2	<ul style="list-style-type: none"> One M.2 2230 slot for Wi-Fi and Bluetooth card One M.2 2230/2280 slot for solid-state drive <p>NOTE: To learn more about the features of different types of M.2 cards, see the knowledge base article 000144170 at Dell Support Site.</p>

Ethernet

The following table lists the wired Ethernet Local Area Network (LAN) specifications of your Vostro 3690.

Table 8. Ethernet specifications

Description	Values
Model number	Realtek RTL8111HSD
Transfer rate	10/100/1000 Mbps

Wireless module

The following table lists the Wireless Local Area Network (WLAN) modules that are supported on your Vostro 3690.

Table 9. Wireless module specifications

Description	Option one	Option two
Model number	Qualcomm QCA61x4A	Qualcomm QCA9377
Transfer rate	Up to 867 Mbps	Up to 433 Mbps
Frequency bands supported	2.4 GHz/5 GHz	2.4 GHz/5 GHz
Wireless standards	<ul style="list-style-type: none"> WiFi 802.11a/b/g Wi-Fi 4 (WiFi 802.11n) Wi-Fi 5 (WiFi 802.11ac) 	<ul style="list-style-type: none"> WiFi 802.11a/b/g Wi-Fi 4 (WiFi 802.11n) Wi-Fi 5 (WiFi 802.11ac)
Encryption	<ul style="list-style-type: none"> 64-bit and 128-bit WEP 128-bit AES-CCMP TKIP 	<ul style="list-style-type: none"> 64-bit and 128-bit WEP 128-bit AES-CCMP TKIP
Bluetooth wireless card	5.0	5.0
	<p>NOTE: The version of the Bluetooth wireless card may vary depending on the operating system that is installed on your computer.</p>	

Audio

The following table lists the audio specifications of your Vostro 3690.



 **NOTE:** Vostro 3690 does not support internal speaker.

Table 10. Audio specifications

Description	Values
Audio type	C-Media
Audio controller	CM6548
Internal audio interface	USB 2.0
External audio interface	<ul style="list-style-type: none">One Global headset jack (front)One Line-out port (rear) <p> NOTE: 3.5mm Global headset jack functionality varies by model configuration. For best results, use Dell recommended audio accessories.</p>

Storage

This section lists the storage options on your Vostro 3690.

Your computer supports one of the following configurations:

- One 2.5-inch hard drive
- One 3.5-inch hard drive
- One M.2 2230/2280 solid-state drive (class 35 or class 40)
- One M.2 2230/2280 solid-state drive (class 35 or class 40) and one 3.5-inch hard drive

The primary drive of your computer varies with the storage configuration. For computers:

- with a M.2 solid-state drive, the M.2 solid-state drive is the primary drive
- without a M.2 solid-state drive, either the 3.5-inch hard drive is the primary drive

Table 11. Storage specifications

Storage type	Interface type	Capacity
2.5-inch, 5400 RPM, hard drive	SATA 3.0	Up to 2 TB
2.5-inch, 7200 RPM, hard drive	SATA 3.0	500 GB
3.5-inch, 7200 RPM, hard drive	SATA 3.0	Up to 2 TB
M.2 2230, Class 35 solid-state drive	PCIe NVMe Gen3 x4	Up to 512 GB
M.2 2280, Class 40 solid-state drive	PCIe NVMe Gen3 x4	Up to 512 GB

Power ratings

The following table lists the power rating specifications of Vostro 3690.

Table 12. Power ratings

Description	Values
Type	260 W Bronze

Table 12. Power ratings (continued)

Description		Values
Input voltage		90 VAC to 264 VAC
Input frequency		47 Hz to 63 Hz
Input current (maximum)		4.2 A
Output current (continuous)		<ul style="list-style-type: none"> • 12 VA-16.5 A • 12 VB-16 A Standby mode: <ul style="list-style-type: none"> • 12 VA-0.5 A • 12 VB-2.5 A
Rated output voltage		<ul style="list-style-type: none"> • +12 VA • +12 VB
Temperature range		
	Operating	5°C to 45°C (41°F to 113°F)
	Storage	-40°C to 70°C (-40°F to 158°F)

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Vostro 3690.

Table 13. GPU—Integrated

Controller	External display support	Memory size	Processor
Intel UHD Graphics 610	<ul style="list-style-type: none"> • One HDMI 1.4b port • One VGA port 	Shared system memory	<ul style="list-style-type: none"> • Intel Celeron G5905 • Intel Pentium Gold G6405
Intel UHD Graphics 630	<ul style="list-style-type: none"> • One HDMI 1.4b port • One VGA port 	Shared system memory	10 th Generation Intel Core i3-10105
Intel UHD Graphics 730	<ul style="list-style-type: none"> • One HDMI 1.4b port • One VGA port 	Shared system memory	11 th Generation Intel Core i5-11400
Intel UHD Graphics 750	<ul style="list-style-type: none"> • One HDMI 1.4b port • One VGA port 	Shared system memory	11 th Generation Intel Core i7-11700

Environmental

Table 14. Environmental specifications

Feature	Vostro 3690
Recyclable packaging	Yes
BFR/PVC—free chassis	No
MultiPack packaging	Yes (US only) (optional)
Energy-Efficient Power Supply	Standard
ENV0424 compliant	Yes

NOTE: Wood-based fiber packaging contains a minimum of 35% recycled content by total weight of wood-based fiber. Packaging that contains without wood-based fiber can be claimed as Not Applicable.

Energy Star and Trusted Platform Module (TPM)

Table 15. Energy Star and TPM

Features	Specifications
Energy Star 8.0	Compliant configurations available
Firmware-TPM (Discrete TPM disabled)	Optional

NOTE: TPM is not available in all countries.

Operating and storage environment

This table lists the operating and storage specifications of your Vostro 3690.

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

Table 16. Computer environment

Description	Operating	Storage
Temperature range	10 °C – 35°C (32 °F – 95°F)	-40°C - 65°C (-40°F - 149°F)
Relative humidity (maximum)	20% to 80% (non-condensing, Max dew point temperature = 26°C)	5% to 95% (non-condensing, Max dew point temperature = 33°C)
Vibration (maximum)*	0.26 GRMS random at 5 Hz to 350 Hz	1.37 GRMS random at 5 Hz to 350 Hz
Shock (maximum)	40G, 2 ms	105G, 2 ms
Altitude range	-15.2 m - 3048 m (-49.86 ft -10,000 ft)	-15.2 m - 10,668 m (-49.86 ft - 35,000 ft)
<p>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.</p>		

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



† Measured using a 2 ms half-sine pulse.

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 17. Self-help resources

Self-help resources	Resource location
Information about Dell products and services	Dell Site
My Dell app	
Tips	
Contact Support	In Windows search, type <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	<ol style="list-style-type: none"> 1. Go to Dell Support Site. 2. On the menu bar at the top of the Support page, select Support > Support Library. 3. In the Search field on the Support Library page, type the keyword, topic, or model number, and then click or tap the search icon to view the related articles.

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see [Contact Support at Dell Support Site](#).

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

 **NOTE:** If you do not have an active Internet connection, you can find contact information about your purchase invoice, packing slip, bill, or Dell product catalog.