

# SYSTEM INFORMATION

Dell Latitude

**Dell™ Latitude™ INFORMATIONS SYSTÈME**  
**Dell™ Latitude™ INFORMAÇÕES SOBRE O SISTEMA**  
**Dell™ Latitude™ INFORMACIÓN DEL SISTEMA**

# SYSTEM INFORMATION

## **Notes, Notices, and Cautions**

Throughout this guide, blocks of text may be accompanied by an icon and printed in bold type or in italic type. These blocks are notes, notices, and cautions, and they are used as follows:



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

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



**CAUTION: A CAUTION indicates the potential for bodily harm and tells you how to avoid the problem.**

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September 2000 P/N 642TM Rev. A00



# Dell™ Latitude™ System Information

Your Dell Latitude portable computer accessories box includes a reduced set of paper documentation. This document contains getting started, safety, and regulatory information about your Dell computer as well as information about other Dell documents that are available and how to obtain them.

## Other Documents Available

The following documents are provided with your computer:

- The *Getting Started* placemat, which provides step-by-step instructions for connecting your computer.

*NOTE: The Getting Started placemat is not available in all regions.*

- The *User's Guide*, which is an HTML document that includes descriptions of computer features, instructions on installing and configuring drivers and utilities, information on the system setup program, and instructions for attaching devices to the connectors on your computer's back panel. The *User's Guide* is located on your hard drive.



You may also have one or more of the following documents:

- Documentation updates, which are sometimes included with your computer to describe changes to your computer or software. Always read these updates *before* consulting any other documentation because the updates often contain the latest information.
- Operating system documentation, which is included if you ordered your operating system software from Dell.
- Documentation included with any options you purchase separately from your computer. This documentation includes information that you need to configure and install these options in your Dell computer.

## **Documents on the Web**

You can obtain the latest versions of any of the documents on your hard drive as well as other troubleshooting information from the support site at **<http://support.dell.com>**.



## **Safety Instructions**

Use the following safety guidelines to help protect your computer from potential damage and to help ensure your own personal safety.

As you use your computer, observe the following safety guidelines:

- Do not allow your Latitude portable computer to operate with the base resting directly on exposed skin. With extended operation, heat can potentially build up in the base. Allowing sustained contact with the skin could cause discomfort or, eventually, a burn.
- Do not attempt to service the computer yourself. Always follow installation instructions closely.
- Do not carry a battery pack in your pocket, purse, or other container where metal objects (such as car keys) could short-circuit the battery terminals. The resulting excessive current flow can cause extremely high temperatures and may result in damage from burns.
- Be sure that nothing rests on your adapter's power cable and that the cable is not located where it can be tripped over or stepped on.
- Place the AC adapter in a ventilated area, such as a desk top or on the floor, when you use it to run the computer or to charge the battery. Do not cover the AC adapter with papers or other items that will reduce cooling; also, do not use the AC adapter inside a carrying case.
- Do not use your computer in a wet environment, for example, near a bath tub, sink, or swimming pool or in a wet basement.
- Do not push objects into air vents or openings of your computer. Doing so can cause fire or electric shock by shorting out interior components.
- Use only the Dell PA-6 AC adapter approved for use with this computer. Use of another AC adapter may present a risk of fire.
- Use only Dell battery modules that are approved for use with this computer. Use of other types may present a risk of fire or explosion.
- To help prevent electric shock, plug the AC adapter and peripheral power cables into properly grounded power sources. These cables are equipped with three-prong plugs to help ensure proper grounding. Do not use adapter plugs or remove the grounding prong from a cable. If you must use an extension cable, use a three-wire cable with properly grounded plugs.
- If you use an extension cable with your AC adapter, ensure that the total ampere rating of the products plugged into the extension cable does not exceed the ampere rating of the extension cable.

- To remove power from the computer, turn it off, remove the battery pack, and disconnect the AC adapter from the electrical outlet.
- If your computer includes an integrated or optional (PC Card) modem, the cable used with the modem should be manufactured with a minimum wire size of 26 American wire gauge (AWG) and an FCC-compliant RJ-11 modular plug.
- If your computer includes an integrated or optional (PC Card) modem, disconnect the modem cable if an electrical storm approaches to avoid the remote risk of electric shock from lightning via the telephone line.
- To help avoid the potential hazard of electric shock, do not connect or disconnect any cables or perform maintenance or reconfiguration of this product during an electrical storm.
- PC Cards may become very warm during normal operation. Use care when removing PC Cards after their continuous operation.
- Do not dispose of your computer's lithium-ion battery packs in a fire or along with household waste. They may explode. Discard used batteries according to the manufacturers instructions or contact you local waste disposal agency for disposal instructions.
- Clean your computer with a soft cloth dampened with water rather than with liquid or aerosol cleaners which may contain flammable substances.

## **Preparing to Work Inside Your Computer**

Observe the following safety guidelines when working inside your computer.

**NOTICE: The only time you should ever access the inside of your computer is when you are installing memory modules.**

**NOTICE: Wait 5 seconds after turning off the computer before disconnecting a device or removing a memory module to help prevent possible damage to the system board.**



*NOTE: For full instructions, see the User's Guide.*

- Turn off your computer and any attached peripherals.
- Disconnect your computer and any attached peripherals from electrical outlets to reduce the potential for personal injury or shock.
- If the computer is docked, undock it.
- Disconnect any peripherals attached to your computer, including telephone or telecommunication lines.
- Remove the main battery from the battery bay and, if necessary, the secondary battery from the modular bay.
- Ground yourself by touching the unpainted metal surface of an input/output (I/O) connector on the back of the computer.
- While you work, periodically touch the I/O panel to dissipate any static electricity that might harm internal components.

## **General EMC Guidelines**

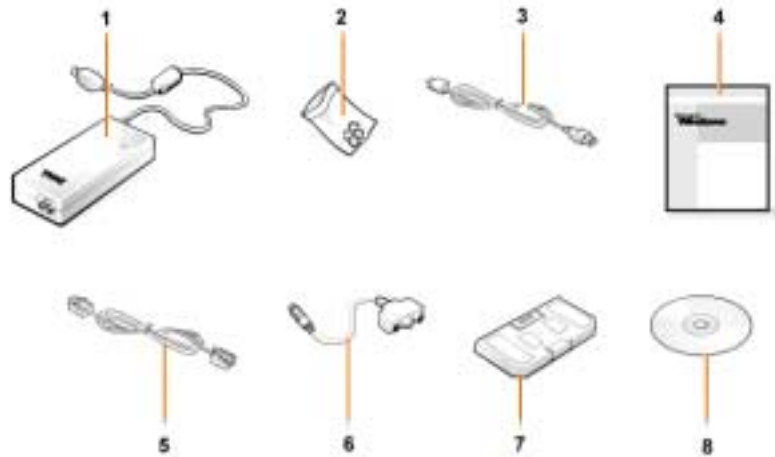
- Shielded signal cables: Using shielded cables ensures that you maintain the appropriate EMC classification for the intended environment. For parallel printers, a cable is available from Dell. If you prefer, you can order a cable from Dell on the World Wide Web at <http://www.dell.com>.
- Protecting against electrostatic discharge: Static electricity can harm electronic components inside your computer. To prevent static damage, discharge static electricity from your body before you touch any of your computer's electronic components, such as a memory module. You can do so by touching an unpainted metal surface on the computer's I/O panel.
- Electromagnetic interference (EMI) is any signal or emission, radiated in free space or conducted along power or signal leads, that endangers the functioning of a radio navigation or other safety service or seriously degrades, obstructs, or repeatedly interrupts a licensed radio communications service. Your Dell computer is designed to comply with applicable regulations regarding EMI. Changes or modifications not expressly approved by Dell could void your authority to operate the equipment. Additional regulatory information regarding your computer can be found in your online *User's Guide*.

# Getting Started

To set up your computer, perform the following steps:

1. Unpack the accessories box (see Figure 1-1).
2. Set aside the contents of the accessories box, which you will need to complete the setup of your computer.

The accessories box also contains user documentation and any software or additional hardware (such as PC Cards, drives, or batteries) you have ordered.



**Figure 1-1. Accessories Box Contents**

<b>1</b>	AC adapter	<b>5</b>	Cable for optional modem
<b>2</b>	Track stick caps	<b>6</b>	TV/digital audio adapter cable
<b>3</b>	AC adapter power cable	<b>7</b>	Travel module
<b>4</b>	Operating system documentation	<b>8</b>	<i>ResourceCD</i>



## **Connecting the AC Adapter**



**Figure 1-2. Connecting the AC Adapter**

## **Turning On the Computer**

To turn on the computer, open the computer display and press the power button (see Figure 1-3).



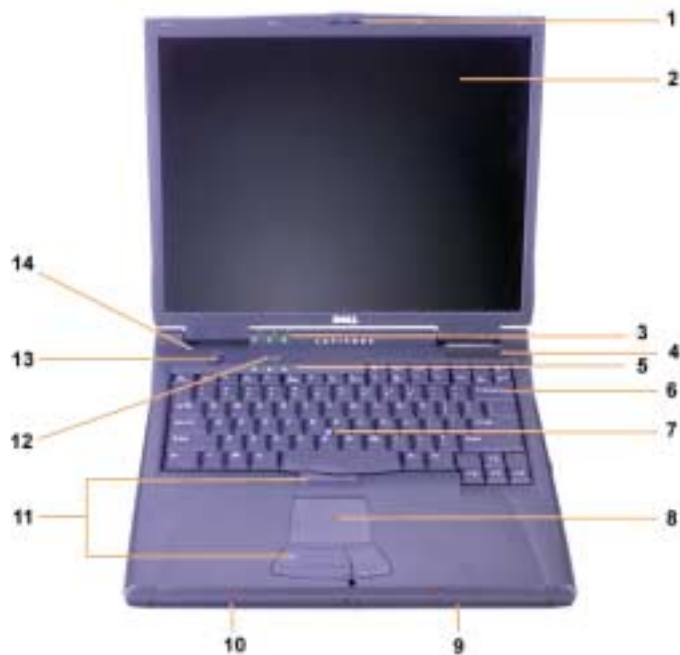
*NOTE: Do not dock the computer until it has been turned on and shut down at least once.*



**Figure 1-3. Turning On the Computer**

## Computer Components

Figures 1-4, 1-5, 1-6, and 1-7 show the locations of the computer's components.



**Figure 1-4. Front View**

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<b>1</b>	Display latch	<b>8</b>	Touch pad
<b>2</b>	Display	<b>9</b>	Battery
<b>3</b>	System status lights	<b>10</b>	Modular bay
<b>4</b>	Air intake	<b>11</b>	Track stick and touch pad buttons
<b>5</b>	Keyboard status lights	<b>12</b>	Dell AccessDirect™ key
<b>6</b>	Keyboard	<b>13</b>	Power button
<b>7</b>	Track stick	<b>14</b>	Internal microphone

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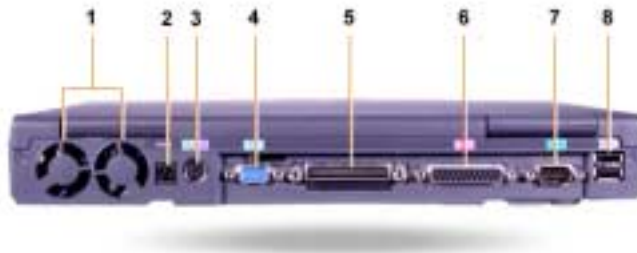


**Figure 1-5. Right Side View**

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<b>1</b> Speaker	<b>6</b> IR sensor
<b>2</b> Optional network connector	<b>7</b> IEEE 1394 connector
<b>3</b> Optional modem connector	<b>8</b> PC Card slots
<b>4</b> Security cable slot	<b>9</b> Audio jacks
<b>5</b> Hard drive bay	<b>10</b> Air intake

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**Figure 1-6. Back View**

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<b>1</b>	Fans	<b>5</b>	Docking connector
<b>2</b>	AC power connector	<b>6</b>	Parallel connector
<b>3</b>	PS/2 connector (for mouse, keyboard, or keypad)	<b>7</b>	Serial connector
<b>4</b>	Video connector	<b>8</b>	USB connectors

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**Figure 1-7. Left Side View**

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- |   |                              |   |                     |
|---|------------------------------|---|---------------------|
| 1 | Fixed optical drive pull-tab | 4 | Security cable slot |
| 2 | Fixed optical drive          | 5 | Speaker             |
| 3 | S-video TV-out connector     |   |                     |
- 

### **Replacing the Main Battery**



**CAUTION:** Using the wrong battery type may present a risk of fire or explosion. Replace the battery only with the same or equivalent type purchased from Dell. You can use your computer's battery in any Latitude C-Family computer *except* for the Latitude CS or CSx computers. Do not attempt to use the battery in CS or CSx, and do not use a battery from those computers in your computer.

**NOTICE:** To avoid data loss, do not replace a battery while the computer is turned on unless the computer is connected to an electrical outlet or a second battery is installed.

**NOTICE:** Only use lithium ion batteries in your computer. The computer does not support nickel-metal hydride (NiMH) batteries.

Before installing a new battery, check the battery's charge by pressing the battery test button. The battery gauge will not light if the battery is completely drained.

To replace a battery in the battery bay, perform the following steps.



*NOTE: For full instructions, see your User's Guide.*

1. Save your work and close all open files and application programs.
2. If the computer is docked, undock it.
3. If the modular bay contains a battery, go to step 5.

**NOTICE: If you choose to replace the battery with the computer in a standby or hibernate mode, you have up to 2 minutes to complete the battery replacement. After 2 minutes, the computer shuts down and you will lose any unsaved data.**

4. If the only battery in the computer is in the battery bay and that is the battery you want to replace, either connect the computer to an electrical outlet or preserve your data in one of these ways.
  - Use suspend mode.
  - Use hibernate mode.



*NOTE: For more information about suspend and hibernate modes, see your User's Guide.*

5. Close the computer display, turn the computer over, and remove the battery.



**Figure 1-8. Removing a Battery From the Battery Bay**

6. Slide the new battery firmly into the battery bay. You should hear a click when the battery is fully seated.
7. Depending on the power management mode the computer is in, press the power button or open the display to resume normal operation.



## **NOM Information (Mexico Only)**

The following information is provided on the device(s) described in this document in compliance with the requirements of the official Mexican standards (NOM):

Exporter:	Dell Computer Corporation One Dell Way Round Rock, TX 78682
Importer:	Dell Computer de México, S.A. de C.V. Paseo de la Reforma 2620 - 11° Piso Col. Lomas Altas 11950 México, D.F.
Ship to:	Dell Computer de México, S.A. de C.V. al Cuidado de Kuehne & Nagel de México S. de R.L. Avenida Soles No. 55 Col. Peñon de los Baños 15520 México, D.F.
Supply voltage:	100-240 VAC
Frequency:	50-60 Hz
Current consumption (maximum):	1.5 A
Output voltage	20 VDC
Output current (maximum)	3.5 A

## **Información para NOM (únicamente para México)**

La información siguiente se proporciona en el dispositivo o en los dispositivos descritos en este documento, en cumplimiento con los requisitos de la Norma Oficial Mexicana (NOM):

Exportador:	Dell Computer Corporation One Dell Way Round Rock, TX 78682
Importador:	Dell Computer de México, S.A. de C.V. Paseo de la Reforma 2620 - 11° Piso Col. Lomas Altas 11950 México, D.F.
Embarcar a:	Dell Computer de México, S.A. de C.V. al Cuidado de Kuehne & Nagel de México S. de R.I. Avenida Soles No. 55 Col. Peñon de los Baños 15520 México, D.F.
Tensión alimentación:	100-240 VAC
Frecuencia:	50-60 Hz
Consumo de corriente (máxima):	1,5 A
Voltaje de salida:	20 VDC
Corriente de salida (máxima):	3.5 A

## Getting Help

Dell provides a number of tools to help you if your computer does not perform as expected. For information on these help tools, see your *User's Guide*.

If you have a computer problem and are unable to access the online *User's Guide*, use the Dell Diagnostics to help you determine the cause of the problem and to help you solve it. The diagnostics are on the *ResourceCD* that came with your computer.



*NOTE: Run the diagnostics before you call Dell's technical support because the diagnostic tests provide information you may need when you call.*

To start the diagnostics, perform the following steps:

1. Turn off the computer.
2. Undock the computer if you have it docked.
3. Turn on the computer.
4. Press <F2> at the start of the boot routine to access the system setup menu.



*NOTE: Write down your current boot sequence in the event that you want to restore it after running the Dell Diagnostics.*

5. Select the following boot sequence.



*NOTE: You can boot only from a CD-ROM, CD-RW, or DVD-ROM drive installed as a fixed optical drive. You cannot boot from one of these modules installed in the modular bay.*

- **Boot First Device: Diskette Drive**
  - **Boot Second Device: CD/DVD/CD-RW Drive**
  - **Boot Third Device: Internal HDD**
6. Insert the *ResourceCD* into the CD-ROM drive.
  7. Turn the computer off.
  8. Turn the computer on.  
  
The computer starts and automatically begins to run the Dell Diagnostics.
  9. When you have completed running the diagnostics, remove the *ResourceCD* from the CD-ROM drive.

To change the boot sequence, repeat steps 1 through 6, customizing the boot sequence to fit your needs. Then restart your computer.

When you start the diagnostics, the Dell logo screen appears, followed by a message telling you that the diagnostics is loading. After the diagnostics loads, the **Diagnostics Menu** appears.

To select an option from this menu, highlight the option and press <Enter>, or press the key that corresponds to the highlighted letter in the option you choose.

# Intel Warranty Statement (U.S. and Canada Only)

## Intel's Three Year Limited Warranty

### Limited Warranty

Intel warrants that its family of Pentium® and Celeron™ processors, if properly used and installed, will be free from defects in materials and workmanship and will substantially conform to Intel's publicly available specifications for a period of three (3) years after the date the Pentium or Celeron processor was purchased (whether purchased separately or as part of a computer system).

If the Pentium or Celeron processor, which is the subject of this Limited Warranty, fails during the warranty period for reasons covered by this Limited Warranty, Intel, at its option, will:

- REPAIR the Pentium or Celeron processor by means of hardware and/or software; OR
- REPLACE the Pentium or Celeron processor with another Pentium or Celeron processor; OR
- if Intel is unable to repair or replace the particular Pentium or Celeron processor,
  - REFUND the then-current value of the Pentium or Celeron processor.

THIS LIMITED WARRANTY, AND ANY IMPLIED WARRANTIES THAT MAY EXIST UNDER STATE LAW, APPLY ONLY TO THE ORIGINAL PURCHASER OF THE PENTIUM OR CELERON PROCESSOR, OR PENTIUM OR CELERON PROCESSOR-BASED COMPUTER AND LAST ONLY FOR AS LONG AS SUCH PURCHASER CONTINUES TO OWN THE PROCESSOR.

### Extent of Limited Warranty

Intel does not warrant that your Pentium or Celeron processor will be free from design defects or errors known as "errata". Current characterized errata are available upon request. This limited warranty is for purchasers in the United States and Canada only. The limited warranty does not cover any costs relating to removal or replacement of any Pentium or Celeron processors that are soldered or otherwise permanently affixed to your system's motherboard.

This limited warranty does not cover damages due to external causes, including accident, problems with electrical power, usage not in accordance with product instructions, misuse, neglect, alteration, repair, improper installation, or improper testing.

### How to Obtain Warranty Service

To obtain warranty service for your Pentium or Celeron processor, you may contact your computer system manufacturer in accordance with its instructions, or you may contact Intel.

To request warranty service from Intel, you should call Intel at 1-800-628-8686 during the warranty period during normal business hours (Pacific Time), excluding holidays. Please be prepared to provide:

- (1) your name, address, and telephone numbers;
- (2) proof of purchase;
- (3) this Intel warranty card;
- (4) a description of the computer system including the brand and model; and
- (5) an explanation of the problem.

[Note: The Customer Service Representative may need additional information from you depending on the nature of the problem.]

The replacement processor is warranted under this written warranty and is subject to the same limitations and exclusions for the remainder of the original warranty period or one (1) year, whichever is longer.

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THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM JURISDICTION TO JURISDICTION.

## Intel Pentium® and Celeron™ Processors are backed by a three-year limited warranty.

Please refer to the reverse side of this card for complete warranty details.

### Intel's Commitment to Quality

Intel is committed to producing the highest quality processors available. That's why we have hundreds of people dedicated to continuously improve our design, manufacturing, and testing technology.

We put every one of our Pentium® and Celeron™ processors through a rigorous battery of tests during the design and manufacturing processes.

To verify that the new chip will correctly run the software written for Intel Architecture processors, a team of Intel engineers is dedicated to compatibility testing. In a state-of-art lab, this group runs an extensive set of operating systems, applications, network tests and stress tests repeatedly to ensure that the processor is compatible with representative software.

Just as importantly, we work with hardware and software companies in the computer industry to ensure that our processors are compatible with their products.

Additionally, a sampling of Intel processors are subjected to a rigorous "burn-in" test whereby the chip is operated at higher-than-normal temperatures and voltages. During this burn-in period, the processor experiences the equivalent of weeks of normal usage. These units are monitored for failures as part of our ongoing quality assurance process.

As a result, today's microprocessors from Intel are among the most reliable components in computers.

### What are 'Errata'?

Exhaustive product testing can highlight differences between the actual behavior of the microprocessor and its specifications. Sometimes the discrepancies are caused by a design defect or error, which we call *errata*. Rigorous validation identifies most errata during the development of the processor, but we do detect additional errata during the life cycle of a microprocessor.

When an erratum is identified, our engineers work to characterize it and find a solution. We work with system designers and software developers to ensure that the discrepancy does not affect their products. If necessary, special software or hardware solutions (sometimes known as "work arounds") are implemented in the system design to prevent computer users from encountering the problem. Errata may then be corrected in future revisions of the microprocessor.

No microprocessor is perfect, and Intel recognizes that some consumers want to know about any errata, whether or not the errata affect them. Intel makes documentation of all characterized Pentium and Celeron processor errata publicly available through our Technical Documentation Service.

*At Intel, our goal is to make every computer user satisfied with his or her Pentium or Celeron processor. Should you have any questions, comments or concerns about your Intel microprocessor, please call us at 1-800-628-8686.*

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Dell™ Latitude™

# INFORMATIONS SYSTÈME

[www.dell.com](http://www.dell.com)  
[support.dell.com](http://support.dell.com)

**DELL  COM™**

## **Remarques, avis et précautions**

Dans ce guide, certains blocs de texte sont accompagnés d'une icône et imprimés en caractères gras ou en caractères italiques. Ces paragraphes correspondent à des remarques, des avis et des précautions qui sont utilisés comme suit :



*REMARQUE* : Une *REMARQUE* fournit des informations importantes qui vous aident à mieux utiliser votre système.

**AVIS** : Un **AVIS** vous avertit d'un risque de dommage matériel ou de perte de données et vous indique comment éviter le problème.



**PRÉCAUTION** : Une **PRÉCAUTION** vous avertit d'un risque de blessure corporelle et vous indique comment éviter le problème.

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# Dell™ Latitude™ - Informations système

La boîte d'accessoires de votre ordinateur portable Dell Latitude contient peu de documentation papier. Cette documentation comprend des informations de mise en route, de sécurité et légales relatives à votre ordinateur Dell ainsi que des informations concernant les autres documents Dell disponibles et la façon de vous les procurer.

## Autres documents disponibles

Les documents suivants sont fournis avec votre ordinateur :

- La fiche *Mise en route* qui indique les instructions étapes par étapes pour la connexion de votre ordinateur.



*REMARQUE : La fiche Mise en route n'est pas disponible dans toutes les régions.*

- Le *Guide d'utilisation*, document HTML contenant la description des caractéristiques de l'ordinateur, des instructions sur l'installation et la configuration des pilotes et des utilitaires, des informations sur le programme de configuration du système et des instructions sur le raccordement des périphériques aux connecteurs du panneau arrière de l'ordinateur. Le *Guide d'utilisation* se trouve sur votre unité de disque dur.

Vous pouvez également avoir un ou plusieurs des documents suivant s :

- Les mises à jour de documentation, parfois fournies avec l'ordinateur, décrivant les modifications apportées à l'ordinateur ou au logiciel. Prenez le temps de lire ces mises à jour *avant* de consulter d'autres documentations, car elles contiennent souvent les informations les plus récentes.
- La documentation relative au système d'exploitation, incluse si vous avez commandé votre système d'exploitation auprès de Dell.
- La documentation relative aux options que vous avez acquises séparément. Cette documentation contient des informations nécessaires pour la configuration et l'installation de ces options sur votre ordinateur Dell.



## **Documents disponibles sur le Web**

Vous pouvez obtenir les dernières versions des documents sur votre disque dur ainsi que des informations permettant de résoudre les problèmes sur le site de support à l'adresse <http://support.dell.com>.



## **Consignes de sécurité**

Utilisez les consignes de sécurité suivantes pour vous aider à protéger votre ordinateur de dommages éventuels et pour garantir votre sécurité personnelle.

Lorsque vous utilisez votre ordinateur, observez les consignes de sécurité suivantes :

- Évitez de poser votre ordinateur portable Latitude en fonctionnement à même la peau. À la longue, la chaleur peut éventuellement se répandre à la base. Le contact prolongé avec la peau peut provoquer un inconfort ou même une brûlure.
- N'essayez pas de réparer l'ordinateur vous-même. Suivez toujours de près les instructions d'installation.
- Ne transportez pas de batterie d'ordinateur dans votre poche, dans votre sac ou dans tout autre conteneur contenant également des objets en métal (des clés, par exemple) qui pourraient court-circuiter les bornes de la batterie. Le courant résultant peut occasionner des températures très élevées et causer des brûlures.
- Assurez-vous que rien ne repose sur le cordon d'alimentation de l'adaptateur et que ce cordon n'est pas placé dans un endroit où l'on pourrait marcher ou trébucher dessus.
- L'adaptateur CA/CC doit se trouver dans une zone aérée, par exemple sur un bureau ou sur le sol, lorsqu'il est utilisé pour alimenter l'ordinateur ou pour charger la batterie. Ne couvrez pas l'adaptateur CA/CC de papiers ou d'autres objets susceptibles d'empêcher son refroidissement. N'utilisez pas l'adaptateur CA/CC à l'intérieur d'une mallette de transport.
- N'utilisez pas votre ordinateur dans un environnement humide, par exemple près d'une baignoire, d'un évier, d'une piscine ou dans un sous-sol humide.
- N'insérez pas d'objets dans les orifices d'aération ou dans les ouvertures de votre ordinateur. Ceci peut créer un incendie ou un choc électrique en mettant des composants internes en court-circuit.
- Utilisez uniquement un adaptateur CA/CC de type Dell PA-6 homologué pour une utilisation avec cet ordinateur. Utilisez l'adaptateur CA/CC peuvent présenter un risque d'incendie.
- Utilisez uniquement des modules de batterie homologués pour une utilisation avec cet ordinateur. Le recours à d'autres types d'adaptateur CA/CC présente un risque d'incendie ou d'explosion.

- Pour éviter tout choc électrique, branchez l'adaptateur CA/CC et les cordons d'alimentation électrique de l'ordinateur et de ses périphériques dans des prises possédant un circuit de mise à la terre adéquat. Ces câbles électriques sont équipés de connecteurs à trois broches pour assurer une mise à la terre correcte. N'utilisez pas de prises d'adaptation et n'essayez pas de contourner la mise à la terre. Si vous devez utiliser une rallonge, utilisez une rallonge à trois fils avec des prises de terre.
- Si vous raccordez une rallonge à votre adaptateur CA/CC, assurez-vous que l'intensité totale du courant drainé par tous les appareils raccordés à cette rallonge ne dépasse pas la limite de cette dernière.
- Pour mettre l'ordinateur totalement hors tension, éteignez-le, retirez sa batterie et débranchez l'adaptateur CA/CC de la prise de courant.
- Si votre ordinateur comprend un modem intégré ou en option (carte PC), le câble utilisé avec le modem doit être de type 26 AWG (American wire gauge), et comporter une fiche modulaire conforme à la norme FCC RJ-11.
- Si votre ordinateur comprend un modem intégré ou en option (carte PC), débranchez le câble du en cas d'orage électrique pour éviter le risque très faible de choc électrique causé par un éclair et transmis par la ligne téléphonique.
- Pour réduire le danger lié à un choc électrique, n'effectuez aucun branchement ou débranchement pendant un orage électrique, ni aucune opération de maintenance ou de reconfiguration de ce produit.
- Une carte PC peut chauffer considérablement en fonctionnement normal. Soyez prudent lorsque vous retirez de l'ordinateur une carte PC qui vient de fonctionner pendant un certain temps.
- Ne jetez pas la batterie au lithium-ion de votre ordinateur au feu ou avec vos déchets ménagers. Elle pourrait exploser. Pour savoir comment vous débarrasser des batteries usées, suivez les instructions du fabricant ou prenez contact avec une agence traitant les déchets proche de chez vous.
- Nettoyez votre ordinateur à l'aide d'un chiffon doux humidifié à l'eau plutôt qu'avec un nettoyant liquide ou sous forme d'aérosol qui peut contenir des substances inflammables.

## **Préparation de l'intervention à de l'intérieur de l'ordinateur**

Observez les consignes de sécurité suivantes lors de l'intervention à l'intérieur de l'ordinateur.

**AVIS : Vous ne devez intervenir à l'intérieur de l'ordinateur que pour installer des modules de mémoire.**

**AVIS : Patientez 5 secondes après avoir éteint l'ordinateur pour déconnecter un périphérique ou retirer un module de mémoire, afin d'éviter d'endommager la carte système.**



*REMARQUE : Pour obtenir des instructions, consultez le Guide d'utilisation.*

- Éteignez l'ordinateur ainsi que les périphériques connectés.
- Déconnectez votre ordinateur et tous les périphériques connectés de leurs prises électriques pour réduire le risque de blessure ou de choc.
- Si l'ordinateur est amarré, débranchez-le.
- Déconnectez tous les périphériques connectés à votre ordinateur, notamment les lignes téléphoniques ou de télécommunication.
- Retirez la batterie principale de la baie de batterie et, si nécessaire, la batterie secondaire de la baie modulaire.
- Mettez-vous à la masse en touchant une surface métallique non peinte d'un connecteur d'entrée sortie situé à l'arrière de l'ordinateur.
- Pendant votre travail à l'intérieur de l'ordinateur, touchez régulièrement le panneau d'E/S pour dissiper toute électricité statique qui pourrait endommager les composants internes.

## **Consignes ECM générales**

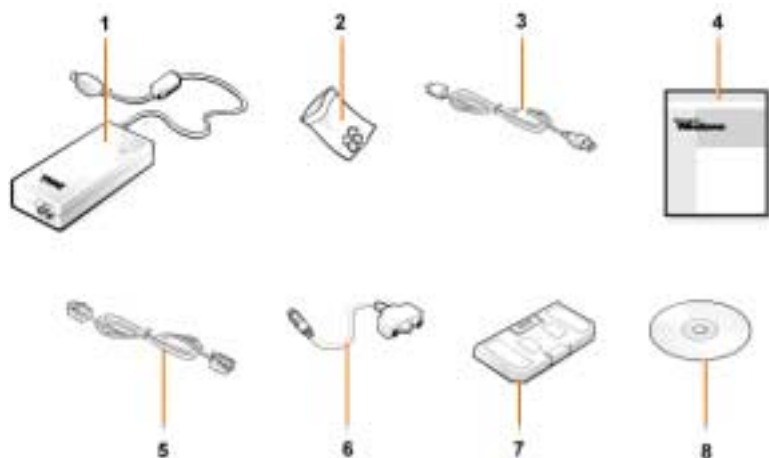
- Câbles de transmission de signaux blindés : L'utilisation de câbles blindés permet de garantir que vous gardez la classification ECM appropriée pour l'environnement donné. Pour les imprimantes parallèles, un câble approprié peut être obtenu auprès de Dell. Si vous préférez, vous pouvez commander un câble auprès de Dell sur le site Internet <http://www.dell.com>.
- Protection contre les décharges électrostatiques : L'électricité statique peut endommager les composants électroniques situés à l'intérieur de votre ordinateur. Pour éviter de tels dommages, déchargez l'électricité statique de votre corps avant de toucher tout composant électronique de votre ordinateur, comme un module de mémoire. Pour ce faire, touchez une surface métallique non peinte du panneau des entrées-sorties de l'ordinateur.
- Les interférences électromagnétiques constituent des signaux ou émissions, dans un espace libre ou conduit par les cordons d'alimentation ou de signal, qui menacent le fonctionnement de la radionavigation, des services de sécurité ou qui dégradent sérieusement, obstruent ou interrompent régulièrement les services autorisés de communications radio. Votre ordinateur Dell est conçu pour satisfaire aux réglementations applicables en matière d'interférences électromagnétiques. Les changements et modifications non explicitement approuvés par Dell peuvent invalider votre droit d'utilisation de l'équipement. Pour des informations complémentaires sur votre ordinateur, vous pouvez consulter le *Guide d'utilisation* en ligne.

## Mise en route

Pour configurer votre ordinateur, procédez comme suit :

1. Déballez les accessoires (voir figure2-1).
2. Mettez de côté le contenu de la boîte d'accessoires ; vous en aurez besoin ultérieurement pour compléter la configuration.

La boîte d'accessoires contient également la documentation utilisateur et tout autre logiciel ou matériel supplémentaire (cartes PC, lecteurs, batteries, etc.) commandés.



**Figure 2-1. Contenu de la boîte des accessoires**

---

<b>1</b>	Adaptateur CA/CC	<b>5</b>	Câble de modem facultatif
<b>2</b>	Couvercles de trackstick	<b>6</b>	Câble d'adaptateur audio numérique/TV
<b>3</b>	Cordon d'alimentation de l'adaptateur CA/CC	<b>7</b>	Module de voyage
<b>4</b>	Documentation du système d'exploitation	<b>8</b>	<i>ResourceCD</i>

---

## **Connexion de l'adaptateur CA/CC**



**Figure 2-2. Connexion de l'adaptateur CA/CC**

## **Mise sous tension de l'ordinateur**

Pour mettre l'ordinateur sous tension, ouvrez l'écran et appuyez sur le bouton d'alimentation (voir figur e2-3).



*REMARQUE : N'amarrez pas l'ordinateur tant qu'il n'a pas été mis sous tension et arrêté au moins une fois.*



**Figure 2-3. Mise sous tension de l'ordinateur**

## Composants de l'ordinateur

Les figures 2-4, 2-6 et 2-7 montrent les emplacements des différents composants de l'ordinateur.



**Figure 2-4. Vue avant**

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<b>1</b>	Dispositif de blocage de l'écran	<b>8</b>	Touchpad
<b>2</b>	Écran	<b>9</b>	Batterie
<b>3</b>	Voyants d'état du système	<b>10</b>	Baie modulaire
<b>4</b>	Arrivée d'air	<b>11</b>	Boutons du trackstick et du touchpad
<b>5</b>	Voyants d'état du clavier	<b>12</b>	Touche Dell AccessDirect™
<b>6</b>	Clavier	<b>13</b>	Bouton d'alimentation
<b>7</b>	Trackstick	<b>14</b>	Microphone interne

---



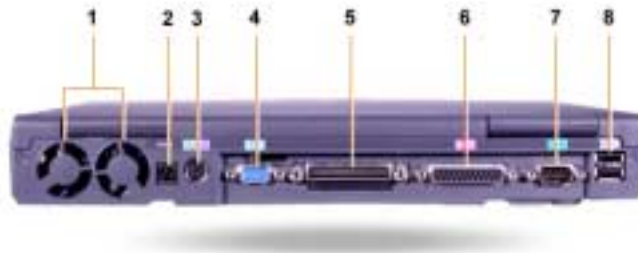
**Figure 2-5. Vue du côté droit**

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<b>1</b>	Haut-parleur	<b>6</b>	Capteur IR
<b>2</b>	Connecteur réseau (en option)	<b>7</b>	Connecteur IEEE 1394
<b>3</b>	Connecteur de modem (en option)	<b>8</b>	Logements pour PC Carte
<b>4</b>	Emplacement pour câble de sécurité	<b>9</b>	Prises jack audio
<b>5</b>	Baie de l'unité de disque du	<b>10</b>	Arrivée d'air

---





**Figure 2-6. Vue arrière**

---

<b>1</b>	Ventilateurs	<b>5</b>	Connecteur d'amarrage
<b>2</b>	Connecteur d'alimentation secteur	<b>6</b>	Connecteur parallèle
<b>3</b>	Connecteur PS/2 (pour souris, clavier ou pavé numérique)	<b>7</b>	Connecteur série
<b>4</b>	Connecteur vidéo	<b>8</b>	Connecteurs USB

---



**Figure 2-7. Vue du côté gauche**

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1	Tirette de lecteur optique fixe	4	Emplacement pour câble de sécurité
2	Lecteur optique fixe	5	Haut-parleur
3	Connecteur de sortie TV S-vidéo		

---

### **Remplacement de la batterie principale**



**PRÉCAUTION :** Le recours à un type de batterie inadapté présente un risque d'incendie ou d'explosion. Remplacez la batterie uniquement par une batterie identique ou équivalente achetée auprès de Dell. Vous pouvez utiliser la batterie de votre ordinateur sur tous les ordinateurs de série Latitude C à l'exception des ordinateurs de série Latitude CS ou CSx. Ne tentez pas d'utiliser la batterie sur les ordinateurs de série CS ou CSx, et n'utilisez la batterie de ce type d'ordinateurs sur votre ordinateur.

**AVIS :** Pour éviter toute perte de données, ne remplacez pas la batterie lorsque l'ordinateur est allumé, à moins que l'ordinateur ne soit connecté à une prise électrique ou qu'une seconde batterie soit installée.

**AVIS : Utilisez uniquement des batteries au lithium-ion sur votre ordinateur. L'ordinateur ne supporte pas les batteries à l'hydrure d'alliage de nickel (NiMH).**

Avant d'installer une nouvelle batterie, vérifiez la charge de la batterie en appuyant sur le bouton de test de la batterie. L'indicateur de la batterie ne s'allume pas si la batterie est complètement déchargée.

Pour remplacer une batterie dans la baie des périphériques, suivez les étapes ci-après.



*REMARQUE : Pour obtenir des instructions complètes, consultez le Guide d'utilisation.*

1. Enregistrez votre travail et fermez tous les fichiers et programmes ouverts.
2. Si l'ordinateur est amarré, débranchez-le.
3. Si la baie modulaire contient une batterie, passez à l'étape 5.

**AVIS : Si vous choisissez de remplacer la batterie lorsque l'ordinateur est en mode attente ou mise en veille prolongée, vous disposez de 2 minutes maximum pour effectuer le remplacement. Après 2 minutes, l'ordinateur s'éteindra et vous perdrez toutes données non sauvegardées.**

4. Si la seule batterie de l'ordinateur se trouve dans la baie de batterie et que vous souhaitez la remplacer, connectez l'ordinateur à une prise électrique *ou* sauvegardez vos données de l'une des manières suivantes :
  - Utilisez le mode suspension.
  - Utilisez le mode mise en veille prolongée.



*REMARQUE : Pour plus d'informations sur les modes suspension et mise en veille prolongée, consultez votre Guide d'utilisation.*

5. Fermez l'écran de l'ordinateur, retournez l'ordinateur et retirez la batterie.



**Figure 2-8. Retrait d'une batterie de la baie de batterie**

6. Faites glisser fermement la nouvelle batterie dans la baie de batterie. Vous devez entendre un clic indiquant que la batterie est correctement installée.
7. En fonction du mode de gestion d'alimentation de l'ordinateur, appuyez sur le bouton d'alimentation ou ouvrez l'écran pour revenir au fonctionnement normal.

## **Informations sur la norme NOM (Mexique seulement)**

Les informations suivantes sont fournies relativement au(x) dispositif(s) décrit(s) dans ce document, conformément aux exigences de la Norme Officielle Mexicaine (NOM) :

Exportateur :	Dell Computer Corporation One Dell Way Round Rock, TX 78682
Importateur :	Dell Computer de México, S.A. de C.V. Paseo de la Reforma 2620 - 11° Piso Col. Lomas Altas 11950 México, D.F.
Expédier à :	Dell Computer de México, S.A. de C.V. al Cuidado de Kuehne & Nagel de México S. de R.I. Avenida Soles No. 55 Col. Peñon de los Baños 15520 México, D.F.
Tension d'alimentation :	100–240 VCA
Fréquence :	50-60 Hz
Consommation (maximum) :	1,5 A
Tension de sortie	20 VCC
Courant de sortie (maximum)	3,5 A

## **Información para NOM (únicamente para México)**

La información siguiente se proporciona en el dispositivo o en los dispositivos descritos en este documento, en cumplimiento con los requisitos de la Norma Oficial Mexicana (NOM) :

Exportador:	Dell Computer Corporation One Dell Way Round Rock, TX 78682
Importador:	Dell Computer de México, S.A. de C.V. Paseo de la Reforma 2620 - 11° Piso Col. Lomas Altas 11950 México, D.F.
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Tensión alimentación:	100–240 VCA
Frecuencia:	50-60 Hz
Consumo de corriente (maxima):	1,5 A
Voltaje de salida:	20 VCC
Consumo de corriente (maxima):	3,5 A

## Aide et assistance

Dell fournit un certain nombre d'outils qui vous aideront si votre ordinateur ne fonctionne pas de la manière escomptée. Pour plus d'informations sur l'utilisation des outils d'aide, consultez le *Guide d'utilisation*.

Si vous avez un problème d'ordinateur et que vous ne parvenez pas à accéder au *Guide d'utilisation* en ligne, utilisez les diagnostics Dell pour déterminer l'origine du problème et trouver la solution. Les diagnostics se trouvent sur le CD *ResourceCD* fourni avec l'ordinateur.



*REMARQUE : Exécutez les diagnostics avant d'appeler l'assistance technique de Dell car les tests de diagnostic fournissent des informations qui peuvent vous être utiles en cas d'appel.*

Pour lancer les diagnostics, procédez comme suit :

1. Éteignez l'ordinateur.
2. Déconnectez l'ordinateur s'il est amarré.
3. Mettez l'ordinateur sous tension.
4. Appuyez sur <F2> au début de la routine de démarrage pour accéder au menu de configuration du système.



*REMARQUE : Consignez la séquence d'initialisation dans l'événement souhaité afin de restaurer celui-ci après l'exécution des Diagnostics Dell.*

5. Sélectionnez la séquence d'initialisation suivant e:



*REMARQUE : Vous ne pouvez lancer l'initialisation qu'à partir d'un lecteur de CD-ROM, de CD-RW ou de DVD-ROM installé sous forme de lecteur optique fixe. Vous ne pouvez pas le faire d'un de ces modules installés dans la baie modulaire.*

- **Boot First Device (initialiser premier périphérique) : Lecteur de disquette**
  - **Second Boot Device (initialiser deuxième périphérique) : Lecteur de CD/DVD/CD-RW**
  - **Boot Third Device (initialiser troisième périphérique) : Unité de disque dur interne**
6. Introduisez le CD *ResourceCD* dans le lecteur de CD-ROM.
  7. Arrêtez l'ordinateur.
  8. Redémarrez l'ordinateur.

L'ordinateur démarre et commence automatiquement l'exécution des Diagnostics Dell.

9. Lorsque vous en avez terminé avec l'exécution des diagnostics, enlevez le CD *ResourceCD* du lecteur de CD-ROM.

Pour changer de séquence d'initialisation, répétez les étapes de 1 à 6 en adaptant la séquence d'initialisation à vos besoins. Redémarrez l'ordinateur.

Quand vous démarrez les diagnostics, le logo Dell apparaît, suivi d'un message vous informant que les diagnostics se chargent. Après le chargement des diagnostics, le **menu Diagnostics** s'affiche.

Pour sélectionner une option dans ce menu, mettez-la en surbrillance et appuyez sur <Enter (Entrée)> ou appuyez sur la touche correspondant à la lettre sélectionnée dans l'option choisie.



# Déclaration de garantie Intel (États-Unis et Canada uniquement)

## Intel's Three Year Limited Warranty

### Limited Warranty

Intel warrants that its family of Pentium® and Celeron™ processors, if properly used and installed, will be free from defects in materials and workmanship and will substantially conform to Intel's publicly available specifications for a period of three (3) years after the date the Pentium or Celeron processor was purchased (whether purchased separately or as part of a computer system).

If the Pentium or Celeron processor, which is the subject of this Limited Warranty, fails during the warranty period for reasons covered by this Limited Warranty, Intel, at its option, will:

- REPAIR the Pentium or Celeron processor by means of hardware and/or software; OR
- REPLACE the Pentium or Celeron processor with another Pentium or Celeron processor; OR
- If Intel is unable to repair or replace the particular Pentium or Celeron processor,
- REFUND the then-current value of the Pentium or Celeron processor.

THIS LIMITED WARRANTY, AND ANY IMPLIED WARRANTIES THAT MAY EXIST UNDER STATE LAW, APPLY ONLY TO THE ORIGINAL PURCHASER OF THE PENTIUM OR CELERON PROCESSOR, OR PENTIUM OR CELERON PROCESSOR-BASED COMPUTER AND LAST ONLY FOR AS LONG AS SUCH PURCHASER CONTINUES TO OWN THE PROCESSOR.

### Extent of Limited Warranty

Intel does not warrant that your Pentium or Celeron processor will be free from design defects or errors known as "errata". Current characterized errata are available upon request. This limited warranty is for purchasers in the United States and Canada only. The limited warranty does not cover any costs relating to removal or replacement of any Pentium or Celeron processors that are soldered or otherwise permanently affixed to your system's motherboard.

This limited warranty does not cover damages due to external causes, including accident, problems with electrical power, usage not in accordance with product instructions, misuse, neglect, alteration, repair, improper installation, or improper testing.

### How to Obtain Warranty Service

To obtain warranty service for your Pentium or Celeron processor, you may contact your computer system manufacturer in accordance with its instructions, or you may contact Intel.

To request warranty service from Intel, you should call Intel at 1-800-628-8686 during the warranty period during normal business hours (Pacific Time), excluding holidays. Please be prepared to provide:

- (1) your name, address, and telephone numbers;
- (2) proof of purchase;
- (3) this Intel warranty card;
- (4) a description of the computer system including the brand and model; and
- (5) an explanation of the problem.

[Note: The Customer Service Representative may need additional information from you depending on the nature of the problem.]

The replacement processor is warranted under this written warranty and is subject to the same limitations and exclusions for the remainder of the original warranty period or one (1) year, whichever is longer.

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THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM JURISDICTION TO JURISDICTION.

## Intel Pentium® and Celeron™ Processors are backed by a three-year limited warranty.

Please refer to the reverse side of this card for complete warranty details.

### Intel's Commitment to Quality

Intel is committed to producing the highest quality processors available. That's why we have hundreds of people dedicated to continuously improve our design, manufacturing, and testing technology.

We put every one of our Pentium® and Celeron™ processors through a rigorous battery of tests during the design and manufacturing processes.

To verify that the new chip will correctly run the software written for Intel Architecture processors, a team of Intel engineers is dedicated to compatibility testing. In a state-of-art lab, this group runs an extensive set of operating systems, applications, network tests and stress tests repeatedly to ensure that the processor is compatible with representative software.

Just as importantly, we work with hardware and software companies in the computer industry to ensure that our processors are compatible with their products.

Additionally, a sampling of Intel processors are subjected to a rigorous "burn-in" test whereby the chip is operated at higher-than-normal temperatures and voltages. During this burn-in period, the processor experiences the equivalent of weeks of normal usage. These units are monitored for failures as part of our ongoing quality assurance process.

As a result, today's microprocessors from Intel are among the most reliable components in computers.

### What are 'Errata'?

Exhaustive product testing can highlight differences between the actual behavior of the microprocessor and its specifications. Sometimes the discrepancies are caused by a design defect or error, which we call *errata*. Rigorous validation identifies most errata during the development of the processor, but we do detect additional errata during the life cycle of a microprocessor.

When an erratum is identified, our engineers work to characterize it and find a solution. We work with system designers and software developers to ensure that the discrepancy does not affect their products. If necessary, special software or hardware solutions (sometimes known as "work arounds") are implemented in the system design to prevent computer users from encountering the problem. Errata may then be corrected in future revisions of the microprocessor.

No microprocessor is perfect, and Intel recognizes that some consumers want to know about any errata, whether or not the errata affect them. Intel makes documentation of all characterized Pentium and Celeron processor errata publicly available through our Technical Documentation Service.

*At Intel, our goal is to make every computer user satisfied with his or her Pentium or Celeron processor. Should you have any questions, comments or concerns about your Intel microprocessor, please call us at 1-800-628-8686.*

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# INFORMAÇÕES SOBRE O SISTEMA

## **Notas, Avisos e Cuidados**

Neste manual, os blocos de texto podem estar acompanhados por um ícone e impressos em negrito ou itálico. Esses blocos são notas, avisos e cuidados utilizados desta forma:



*NOTA: Uma NOTA indica informações importantes que o ajudam a usar melhor o sistema do computador.*

**AVISO: Um AVISO informa sobre um dano potencial no hardware ou perda de dados e ensina a evitar o problema.**



**CUIDADO: Um CUIDADO indica a possibilidade de danos físicos, informando como evitar o problema.**

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# Informações do Sistema Dell™ Latitude™

A caixa de acessórios do computador portátil Dell Latitude contém um pequeno conjunto de documentação impressa. Este documento contém informações introdutórias, de segurança e de regulamentação sobre o computador da Dell, assim como informações sobre outros documentos da Dell disponíveis e como obtê-los.

## Outros Documentos Disponíveis

Os seguintes documentos são fornecidos com o computador:

- A folha *Getting Started (Primeiros Passos)* fornece instruções passo a passo para conectar o computador.



*NOTA: A folha Getting Started (Primeiros Passos) não está disponível em todas as regiões.*

- O *Guia do Usuário*, que é um documento em HTML com descrições dos recursos do computador, instruções sobre como instalar e configurar drivers e utilitários, informações sobre o programa de configuração do sistema e instruções para inserir os dispositivos nos conectores do painel traseiro do computador. O *Guia do Usuário* encontra-se na unidade de disco rígido.

Você também pode ter um ou mais destes documentos:

- Atualizações de documentação, que acompanham ocasionalmente o computador para descrever as alterações efetuadas no software ou computador. Leia sempre essas atualizações *antes* de consultar outra documentação qualquer, já que as atualizações normalmente contêm as informações mais recentes.
- Documentação do sistema operacional, incluída caso você tenha solicitado à Dell o software do sistema operacional.
- Documentação incluída com todos os opcionais do computador adquiridos separadamente. Essa documentação inclui informações necessárias para configurar e instalar esses opcionais no computador da Dell.

## **Documentos na Web**

É possível obter as versões mais recentes dos documentos na unidade de disco rígido e outras informações para solução de problemas no site de suporte em <http://support.dell.com> (em inglês).



## **Instruções de Segurança**

Use as seguintes diretrizes de segurança para ajudar a proteger o computador contra danos potenciais e para a sua própria segurança pessoal.

Ao usar o computador, observe as seguintes diretrizes de segurança:

- Não trabalhe com o computador portátil Latitude posicionado diretamente sobre a pele. Durante o uso prolongado, pode ocorrer acúmulo de calor na base. O contato direto com a pele pode provocar desconforto ou, eventualmente, uma queimadura.
- Não tente consertar o computador por conta própria. Sempre siga exatamente as instruções de instalação.
- Não carregue baterias no bolso, na bolsa ou em outro local em que objetos metálicos (como chaves de carro) provoquem um curto-circuito nos terminais das baterias. O fluxo resultante de corrente excessiva pode provocar temperaturas extremamente altas e resultar em danos por queimaduras.
- Certifique-se de que nada esteja sobre o cabo de força do adaptador e de que esse cabo não fique exposto em locais onde se possa esbarrar ou pisar nele.
- Posicione o adaptador CA em uma área ventilada, como uma mesa ou sobre o assoalho, ao usá-lo para executar o computador ou carregar a bateria. Não cubra o adaptador CA com papéis ou outros objetos que diminuam a ventilação; além disso, não use o adaptador CA dentro de uma caixa.
- Não utilize o computador em um ambiente úmido, como próximo a uma banheira, pia ou piscina, ou em um local molhado.
- Não bloqueie as passagens ou aberturas de ar do computador com objetos. Esse procedimento pode provocar incêndio ou descarga elétrica, danificando os componentes internos.
- Use somente o adaptador CA PA-6 da Dell aprovado para uso com o computador. O uso de outro adaptador CA pode apresentar risco de incêndio.
- Use apenas os módulos de bateria da Dell que foram aprovados para uso com o computador. O uso de outros tipos pode apresentar risco de incêndio ou explosão.
- Para evitar choque elétrico, conecte o adaptador CA e os cabos de força dos periféricos às fontes de força ligadas corretamente à terra. Esses cabos estão equipados com plugues de três pinos para assegurar o aterramento adequado. Não use plugues adaptadores nem remova o pino de aterramento de um cabo. Se precisar de um cabo de extensão, use um cabo de três fios com os plugues aterrados da forma adequada.

- Se você usar um cabo de extensão com o adaptador CA, certifique-se de que a amperagem total dos produtos conectados ao cabo de extensão não ultrapasse a do próprio cabo.
- Para remover a força do computador, desligue-o, retire a bateria e desligue o adaptador CA da tomada elétrica.
- Se o computador tem um modem (Placa de PC) integrado ou opcional, o cabo utilizado com o modem deve ser fabricado com um tamanho de fio mínimo de 26 AWG (American wire gauge) e um plugue modular RJ-11 compatível com a FCC.
- Se o computador tiver um modem (Placa de PC) integrado ou opcional, desconecte o cabo do modem durante tempestades com descargas elétricas para evitar o risco remoto de choque elétrico procedente da emissão de raios através da linha telefônica.
- Para evitar o risco potencial de choque elétrico, não conecte ou desconecte quaisquer cabos, nem faça manutenção ou reconfiguração deste produto durante tempestades com descargas elétricas.
- As Placas de PC podem ficar muito quentes durante a operação normal. Tenha cuidado ao removê-las após uma operação contínua.
- Não descarte as baterias de íons de lítio do computador jogando-as no fogo ou junto com o lixo doméstico. Elas podem explodir. Descarte baterias usadas de acordo com as instruções dos fabricantes ou entre em contato com a empresa de coleta de lixo para obter mais instruções sobre como descartá-las.
- Limpe o computador com um tecido leve, umedecido em água e não em detergentes líquidos ou em aerossol, pois esses detergentes podem conter substâncias inflamáveis.

## **Preparando-se para Trabalhar na Parte Interna do Computador**

Siga as diretrizes de segurança a seguir ao trabalhar na parte interna do computador.

**AVISO: A única ocasião em que você acessará a parte interna do computador será ao instalar módulos de memória.**

**AVISO: Aguarde 5 segundos após desligar o computador para desconectar um dispositivo ou remover um módulo de memória, a fim de evitar possíveis danos à placa do sistema.**



*NOTA: Para obter instruções completas, consulte o Guia do Usuário.*

- Desligue o computador e todos os periféricos.
- Desconecte o computador e os dispositivos periféricos das tomadas elétricas para reduzir o risco de ferimentos ou choque.
- Se o computador estiver conectado, desconecte-o.
- Desconecte todos os periféricos conectados ao computador, inclusive aparelho telefônico e linhas de comunicação.

- Remova a bateria principal do compartimento de bateria e, se necessário, a bateria secundária do compartimento modular.
- Descarregue a energia estática do seu corpo tocando uma superfície de metal não pintada de um conector de entrada/saída (E/S) existente na parte traseira do computador.
- Ao trabalhar, toque periodicamente o painel de E/S para dissipar a eletricidade estática que pode danificar os componentes internos.

## **Diretrizes Gerais de EMC**

- Cabos blindados de sinal: O uso de cabos blindados garante que a classificação apropriada de EMC seja mantida para o ambiente específico. Para impressoras paralelas, há um cabo da Dell disponível. Se preferir, solicite um cabo na Dell na World Wide Web em <http://www.dell.com>.

*NOTA: Esta opção pode não estar disponível em todas as regiões.*

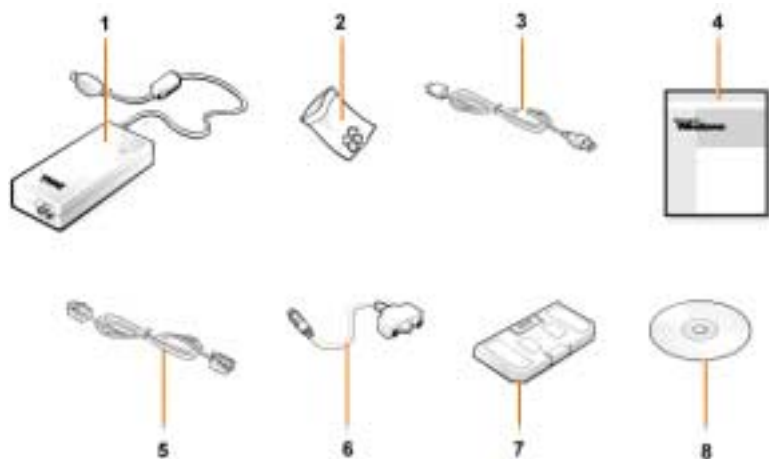
- Protegendo contra descarga eletrostática: A eletricidade estática pode danificar os componentes eletrônicos existentes dentro do computador. Para evitar danos estáticos, descarregue a eletricidade estática do seu corpo antes de tocar em qualquer componente eletrônico do computador, como o módulo de memória. Faça isso, tocando uma superfície de metal não pintada no painel de E/S do computador.
- Interferência eletromagnética (EMI, Electromagnetic Interference) é qualquer sinal ou emissão irradiada em espaço livre ou transmitida através de condutores de energia ou de sinais, que coloque em risco o funcionamento de um serviço de navegação de rádio ou outro serviço de segurança, ou que degrade seriamente, obstrua ou interrompa várias vezes um serviço licenciado de comunicação de rádio. Seu computador Dell é projetado para ser compatível com os regulamentos aplicáveis relacionados à EMI. Modificações não aprovadas expressamente pela Dell podem impedir que o usuário use o equipamento. Informações adicionais de regulamentação do computador podem ser encontradas no *Guia do Usuário* on-line.

## Primeiros Passos

Para configurar o computador, execute as seguintes etapas:

1. Desembale a caixa de acessórios (veja a Figura 3-1).
2. Separe o conteúdo da caixa de acessórios necessário para concluir a configuração do computador.

A caixa de acessórios também contém a documentação do usuário e de qualquer software ou hardware adicional (como Placas de PC, unidades ou baterias) que você tenha solicitado.



**Figura 3-1. Conteúdo da Caixa de Acessórios**

<b>1</b>	Adaptador CA	<b>5</b>	Cabo para modem opcional
<b>2</b>	Ponteiras do track stick	<b>6</b>	Cabo do adaptador de áudio de TV/digital
<b>3</b>	Cabo de força do adaptador CA	<b>7</b>	Módulo de viagem
<b>4</b>	Documentação do sistema operacional	<b>8</b>	<i>ResourceCD</i>



## **Conectando o Adaptador CA**



**Figura 3-2. Conectando o Adaptador CA**

## **Ligando o Computador**

Para ligar o computador, abra-o e pressione o botão Liga/Desliga (veja a Figura 3-3).



*NOTA: Não conecte o computador antes de ligá-lo e desligá-lo pelo menos uma vez.*



**Figura 3-3. Ligando o Computador**

## Componentes do Computador

As Figuras 3-4, 3-5, 3-6 e 3-7 mostram as localizações dos componentes do computador.



**Figura 3-4. Visão Frontal**

---

<b>1</b>	Trava do vídeo	<b>8</b>	Touch pad
<b>2</b>	Vídeo	<b>9</b>	Bateria
<b>3</b>	Luzes de status do sistema	<b>10</b>	Compartimento modular
<b>4</b>	Entrada de ar	<b>11</b>	Botões do track stick e touch pad
<b>5</b>	Luzes de status do teclado	<b>12</b>	Tecla Dell AccessDirect™
<b>6</b>	Teclado	<b>13</b>	Botão Liga/Desliga
<b>7</b>	Track stick	<b>14</b>	Microfone interno

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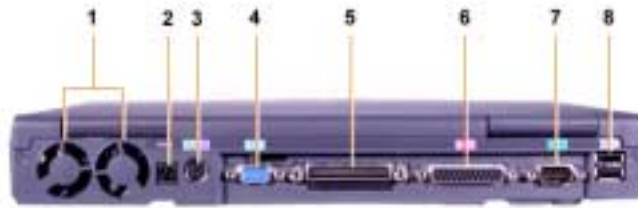


**Figura 3-5. Visão da Lateral Direita**

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<b>1</b>	Alto-falante	<b>6</b>	Sensor infra-vermelho
<b>2</b>	Conector de rede opcional	<b>7</b>	Conector IEEE 1394
<b>3</b>	Conector de modem opcional	<b>8</b>	Slots de Placa de PC
<b>4</b>	Encaixe do cabo de segurança	<b>9</b>	Tomadas de áudio
<b>5</b>	Compartimento de unidade de disco rígido	<b>10</b>	Entrada de ar

---



**Figura 3-6. Visão Posterior**

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<b>1</b>	Ventiladores	<b>5</b>	Conector de encaixe
<b>2</b>	Conector da fonte de CA	<b>6</b>	Conector paralelo
<b>3</b>	Conector PS/2 (para mouse, teclado ou bloco de teclas)	<b>7</b>	Conector serial
<b>4</b>	Conector de vídeo	<b>8</b>	Conectores USB

---



**Figura 3-7. Visão da Lateral Esquerda**

- 
- |          |   |          |                              |
|----------|---|----------|------------------------------|
| <b>1</b> | Presilha da unidade ótica fixa                | <b>4</b> | Encaixe do cabo de segurança |
| <b>2</b> | Unidade ótica fixa                            | <b>5</b> | Alto-falante                 |
| <b>3</b> | Conector de saída de TV e vídeo em forma de S |          |                              |
- 

### **Trocando a Bateria Principal**



**CUIDADO: O uso do tipo inadequado de bateria pode apresentar risco de incêndio ou explosão. Troque a bateria somente por um tipo de bateria idêntico ou equivalente adquirida na Dell. Você pode usar a bateria em qualquer computador Latitude, exceto em computadores Latitude CS ou CSx. Não tente usar a bateria em computadores CS ou CSx e não use uma bateria desses computadores no seu computador.**

**AVISO: Para evitar a perda de dados, não troque uma bateria enquanto o computador estiver ligado, a não ser que o computador esteja ligado a uma tomada elétrica ou uma segunda bateria esteja instalada.**

**AVISO: Use apenas baterias de íons de lítio no computador. O computador não suporta as baterias NiMH (nickel-metal hydride, hidreto de níquel).**

Antes de instalar uma nova bateria, verifique sua carga pressionando o botão de teste de bateria. O regulador da bateria não acenderá se a bateria estiver completamente descarregada.

Para trocar uma bateria no compartimento de bateria, execute estas etapas.



*NOTA: Para obter instruções completas, consulte o Guia do Usuário.*

1. Salve o seu trabalho e feche todos os arquivos e aplicativos abertos.
2. Se o computador estiver conectado, desconecte-o.
3. Se o compartimento modular contiver uma bateria, vá para a etapa 5.

**AVISO: Se optar por substituir a bateria com o computador no modo de espera ou hibernação, você terá 2 minutos para concluir a substituição. Após 2 minutos, o computador será desligado e você perderá os dados que não tenham sido salvos.**

4. Se a única bateria existente no computador estiver no compartimento de bateria e essa for a bateria que você deseja substituir, conecte o computador a uma tomada elétrica *ou* preserve os dados através de um dos procedimentos a seguir.
  - Use o modo de suspensão.
  - Use o modo de hibernação.



*NOTA: Para obter mais informações sobre os modos de suspensão e de hibernação, consulte o Guia do Usuário.*

5. Feche o vídeo, vire o computador e remova a bateria.



**Figura 3-8. Removendo uma Bateria do Compartimento de Bateria**

6. Deslize com firmeza a nova bateria para dentro do compartimento de bateria. Você deve ouvir um clique quando a bateria estiver totalmente encaixada.
7. De acordo com o modo de gerenciamento de força em que o computador estiver, pressione o botão Liga/Desliga ou abra a exibição para continuar com a operação normal.



## **Informações da Norma Oficial Mexicana (NOM) (Somente México)**

As informações a seguir são fornecidas no(s) dispositivo(s) descrito(s) neste documento, em conformidade com as exigências dos padrões oficiais mexicanos (NOM, Norma Oficial Mexicana).

Exportador:	Dell Computer Corporation One Dell Way Round Rock, TX 78682
Importador:	Dell Computer de México, S.A. de C.V. Paseo de la Reforma 2620 - 11° Piso Col. Lomas Altas 11950 México, D.F.
Enviar para:	Dell Computer de México, S.A. de C.V. al Cuidado de Kuehne & Nagel de México S. de R.l. Avenida Soles No. 55 Col. Peñon de los Baños 15520 México, D.F.
Voltagem da fonte:	100-240 VAC
Frequência:	50-60 Hz
Consumo atual (máximo):	1,5 A
Voltagem de saída:	20 VDC
Corrente de saída (máxima):	3,5 A

## **Información para NOM (únicamente para México)**

La información siguiente se proporciona en el dispositivo o en los dispositivos descritos en este documento, en cumplimiento con los requisitos de la Norma Oficial Mexicana (NOM):

Exportador:	Dell Computer Corporation One Dell Way Round Rock, TX 78682
Importador:	Dell Computer de México, S.A. de C.V. Paseo de la Reforma 2620 - 11° Piso Col. Lomas Altas 11950 México, D.F.
Embarcar a:	Dell Computer de México, S.A. de C.V. al Cuidado de Kuehne & Nagel de México S. de R.I. Avenida Soles No. 55 Col. Peñon de los Baños 15520 México, D.F.
Tensión alimentación:	100-240 VAC
Frecuencia:	50-60 Hz
Consumo de corriente (máxima):	1,5 A
Voltaje de salida:	20 VDC
Corriente de salida (máxima):	3,5 A

## Obtendo Ajuda

A Dell fornece várias ferramentas para ajudá-lo caso o seu computador não esteja funcionando conforme o esperado. Para obter informações sobre essas ferramentas de ajuda, consulte o *Guia do Usuário*.

Se o computador apresentar problemas e não for possível acessar o *Guia do Usuário* on-line, use o Diagnóstico da Dell para ajudá-lo a descobrir a causa do problema e solucioná-lo. O diagnóstico encontra-se no *ResourceCD* fornecido com o computador.



*NOTA: Execute o diagnóstico antes de chamar o suporte técnico da Dell, já que os testes de diagnóstico fornecem informações que você pode precisar ao ligar.*

Para iniciar o diagnóstico, execute as seguintes etapas:

1. Desligue o computador.
2. Desencaixe o computador se estiver encaixado.
3. Ligue o computador.
4. Pressione <F2> no início da rotina de inicialização para acessar o menu de configuração do sistema.



*NOTA: Anote a seqüência de inicialização atual caso você deseje restaurá-la após a execução do Diagnóstico da Dell.*

5. Selecione a seqüência de inicialização a seguir.



*NOTA: Você só pode inicializar a partir de uma unidade de CD-ROM, CD-RW ou DVD-ROM instalada como uma unidade ótica fixa. Não é possível inicializar a partir de um desses módulos instalados no compartimento modular.*

- **Primeiro Dispositivo de Inicialização: Unidade de Disquete**
  - **Segundo Dispositivo de Inicialização: Unidade de CD/DVD/CD-RW**
  - **Terceiro Dispositivo de Inicialização: HDD Interno**
6. Insira o *ResourceCD* na unidade de CD-ROM.
  7. Desligue o computador.

8. Ligue o computador.

O computador é iniciado e começa a executar automaticamente o Diagnóstico da Dell.

9. Quando for concluída a execução do diagnóstico, remova o *ResourceCD* da unidade de CD-ROM.

Para alterar a seqüência de inicialização, repita as etapas 1 a 6, adaptando a seqüência às suas necessidades. Em seguida, reinicie o computador.

Quando você inicia o diagnóstico, a tela com o logotipo da Dell é exibida, seguida de uma mensagem informando que o diagnóstico está sendo carregado. Após o carregamento do diagnóstico, o **Diagnostics Menu (Menu Diagnóstico)** é exibido.

Para selecionar uma opção nesse menu, destaque a opção e pressione <Enter> ou pressione a tecla correspondente à letra destacada na opção escolhida.

# Termo de Garantia da Intel (Somente Estados Unidos e Canadá)

## Intel's Three Year Limited Warranty

### Limited Warranty

Intel warrants that its family of Pentium® and Celeron™ processors, if properly used and installed, will be free from defects in materials and workmanship and will substantially conform to Intel's publicly available specifications for a period of three (3) years after the date the Pentium or Celeron processor was purchased (whether purchased separately or as part of a computer system).

If the Pentium or Celeron processor, which is the subject of this Limited Warranty, fails during the warranty period for reasons covered by this Limited Warranty, Intel, at its option, will:

- REPAIR the Pentium or Celeron processor by means of hardware and/or software; OR
- REPLACE the Pentium or Celeron processor with another Pentium or Celeron processor; OR
- if Intel is unable to repair or replace the particular Pentium or Celeron processor,
- REFUND the then-current value of the Pentium or Celeron processor.

THIS LIMITED WARRANTY, AND ANY IMPLIED WARRANTIES THAT MAY EXIST UNDER STATE LAW, APPLY ONLY TO THE ORIGINAL PURCHASER OF THE PENTIUM OR CELERON PROCESSOR, OR PENTIUM OR CELERON PROCESSOR-BASED COMPUTER AND LAST ONLY FOR AS LONG AS SUCH PURCHASER CONTINUES TO OWN THE PROCESSOR.

### Extent of Limited Warranty

Intel does not warrant that your Pentium or Celeron processor will be free from design defects or errors known as "errata". Current characterized errata are available upon request. This limited warranty is for purchasers in the United States and Canada only. The limited warranty does not cover any costs relating to removal or replacement of any Pentium or Celeron processors that are soldered or otherwise permanently affixed to your system's motherboard.

This limited warranty does not cover damages due to external causes, including accident, problems with electrical power, usage not in accordance with product instructions, misuse, neglect, alteration, repair, improper installation, or improper testing.

### How to Obtain Warranty Service

To obtain warranty service for your Pentium or Celeron processor, you may contact your computer system manufacturer in accordance with its instructions, or you may contact Intel.

To request warranty service from Intel, you should call Intel at 1-800-628-8686 during the warranty period during normal business hours (Pacific Time), excluding holidays. Please be prepared to provide:

- (1) your name, address, and telephone numbers;
- (2) proof of purchase;
- (3) this Intel warranty card;
- (4) a description of the computer system including the brand and model; and
- (5) an explanation of the problem.

[Note: The Customer Service Representative may need additional information from you depending on the nature of the problem.]

The replacement processor is warranted under this written warranty and is subject to the same limitations and exclusions for the remainder of the original warranty period or one (1) year, whichever is longer.

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THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM JURISDICTION TO JURISDICTION.

## Intel Pentium® and Celeron™ Processors are backed by a three-year limited warranty. Please refer to the reverse side of this card for complete warranty details.

### Intel's Commitment to Quality

Intel is committed to producing the highest quality processors available. That's why we have hundreds of people dedicated to continuously improve our design, manufacturing, and testing technology.

We put every one of our Pentium® and Celeron™ processors through a rigorous battery of tests during the design and manufacturing processes.

To verify that the new chip will correctly run the software written for Intel Architecture processors, a team of Intel engineers is dedicated to compatibility testing. In a state-of-art lab, this group runs an extensive set of operating systems, applications, network tests and stress tests repeatedly to ensure that the processor is compatible with representative software.

Just as importantly, we work with hardware and software companies in the computer industry to ensure that our processors are compatible with their products.

Additionally, a sampling of Intel processors are subjected to a rigorous "burn-in" test whereby the chip is operated at higher-than-normal temperatures and voltages. During this burn-in period, the processor experiences the equivalent of weeks of normal usage. These units are monitored for failures as part of our ongoing quality assurance process.

As a result, today's microprocessors from Intel are among the most reliable components in computers.

### What are 'Errata'?

Exhaustive product testing can highlight differences between the actual behavior of the microprocessor and its specifications. Sometimes the discrepancies are caused by a design defect or error, which we call *errata*. Rigorous validation identifies most errata during the development of the processor, but we do detect additional errata during the life cycle of a microprocessor.

When an erratum is identified, our engineers work to characterize it and find a solution. We work with system designers and software developers to ensure that the discrepancy does not affect their products. If necessary, special software or hardware solutions (sometimes known as "work arounds") are implemented in the system design to prevent computer users from encountering the problem. Errata may then be corrected in future revisions of the microprocessor.

No microprocessor is perfect, and Intel recognizes that some consumers want to know about any errata, whether or not the errata affect them. Intel makes documentation of all characterized Pentium and Celeron processor errata publicly available through our Technical Documentation Service.

*At Intel, our goal is to make every computer user satisfied with his or her Pentium or Celeron processor. Should you have any questions, comments or concerns about your Intel microprocessor, please call us at 1-800-628-8686.*

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# INFORMACIÓN DEL SISTEMA

## **Notas, avisos y precauciones**

A lo largo de esta guía, encontrará secciones de texto que pueden estar acompañadas por un icono e impresas en negrita o en cursiva. Estos bloques de texto son notas, avisos y precauciones que se utilizan como se indica a continuación:



*NOTA: una NOTA proporciona información importante que le ayuda a utilizar el ordenador de la mejor manera posible.*

**AVISO: un AVISO indica un posible daño al hardware o la pérdida de datos y le explica cómo evitar el problema.**



**PRECAUCIÓN: una PRECAUCIÓN indica una posible lesión corporal y le explica cómo evitar el problema.**

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# Información del sistema Dell™ Latitude™

La caja de accesorios del ordenador portátil Dell Latitude incluye un conjunto reducido de documentación impresa. Este documento contiene información introductoria y sobre seguridad y regulaciones del ordenador Dell, así como información acerca de otros documentos de Dell disponibles y cómo obtenerlos.

## Otros documentos disponibles

Con el ordenador se incluyen los siguientes documentos:

- La hoja titulada *Para empezar*, que proporciona instrucciones paso a paso para conectar el ordenador.

*NOTA: la hoja titulada Para empezar no está disponible para todas las regiones.*



- La *Guía del usuario*, un documento HTML que incluye descripciones de funciones del ordenador, instrucciones de instalación y configuración de drivers y utilidades, información sobre el programa de configuración del sistema e instrucciones para conectar dispositivos en el panel posterior del ordenador. La *Guía del usuario* está ubicada en la unidad de disco duro.

Es posible que también cuente con uno o más de los siguientes documentos:

- Actualizaciones de la documentación, que algunas veces se incluyen con el sistema para describir cambios en el equipo o en el software. Lea siempre estas actualizaciones *antes* de consultar cualquier otra documentación, ya que las actualizaciones suelen contener la información más reciente.
- La documentación del sistema operativo, que se incluye si solicitó el software del sistema operativo a Dell.
- Se incluye la documentación de cualquier opción que haya adquirido independientemente de su ordenador. Esta documentación incluye información necesaria para configurar estas opciones e instalarlas en el ordenador Dell.



## **Documentos en el Web**

Puede obtener las últimas versiones del cualquier documento en la unidad de disco duro además de otra información sobre la solución de problemas en el sitio Web de soporte de Dell en la dirección <http://support.dell.com>.



## **Instrucciones de seguridad**

Aplique las siguientes pautas de seguridad para proteger el ordenador contra posibles daños y garantizar su propia seguridad personal.

Cuando utilice el ordenador, observe las siguientes pautas de seguridad:

- No utilice el ordenador portátil Latitude con la base asentada en contacto directo con la piel. El funcionamiento prolongado puede ocasionar que el calor se acumule en la base. El contacto continuado con la piel puede provocar malestar o, con el tiempo, quemaduras.
- No intente reparar usted mismo el ordenador. Siga siempre las instrucciones de instalación con exactitud.
- No lleve baterías en el bolsillo, bolso u otro contenedor en el que los objetos de metal (como las llaves) puedan producir un cortocircuito en los terminales de la batería. El flujo habitual y desmesurado resultante podría provocar temperaturas extremadamente altas y como consecuencia daños al arder.
- Asegúrese de que no haya nada sobre el cable de alimentación del adaptador y que éste no esté localizado donde se pueda pisar o sea fácil tropezar con él.
- Cuando utilice el adaptador de CA para suministrar alimentación al ordenador o para cargar la batería, colóquelo en un área ventilada, como puede ser un escritorio o en el suelo. No cubra el adaptador de corriente alterna con papeles u otros objetos que reduzcan la refrigeración; tampoco utilice el adaptador dentro de un maletín.
- No utilice el equipo en un entorno húmedo, por ejemplo, cerca del baño, el lavabo, el fregadero, la piscina o una superficie mojada.
- No inserte ningún objeto en las rejillas de ventilación o aberturas de su ordenador. Si lo hace, podría ocasionar un incendio o una descarga eléctrica producidos por un cortocircuito en los componentes interiores.
- Utilice siempre el adaptador de CA de Dell PA-6 que se ha aprobado para su uso con este equipo. El uso de otro tipo de adaptador de CA podría implicar un riesgo de incendio.
- Utilice sólo las baterías de Dell que se han aprobado para su uso con este equipo. El uso de otro tipo de baterías podría implicar un riesgo de incendio o explosión.
- Para evitar una descarga eléctrica, enchufe el adaptador de CA y los cables de alimentación de los dispositivos periféricos a fuentes de alimentación con toma de tierra. Estos cables están equipados con enchufes de tres bornes para garantizar la toma de tierra. No utilice enchufes adaptadores ni retire los bornes de toma de tierra de los cables. Si debe utilizar un cable alargador, utilice cable de tres hilos y enchufes con toma de tierra.

- Si utiliza un alargador para el adaptador de CA, asegúrese de que la cantidad total de amperios de los dispositivos enchufados al alargador no excedan la cantidad de amperios que éste puede soportar.
- Para retirar la alimentación del equipo, apáguelo, quite el paquete de baterías y desconecte el adaptador de CA de la toma eléctrica.
- Si el ordenador incluye un módem integrado u opcional (de tarjeta PC), el cable utilizado con el módem debe poseer un tamaño mínimo de 26 AWG (American wire gauge, calibre de alambre americano) y un enchufe modular RJ-11 que cumpla el estándar de la Comisión Federal de Comunicaciones (FCC, del inglés Federal Communications Commission).
- Si el equipo incluye un módem (de tarjetas PC) opcional o integrado, desconecte el cable del módem cuando se aproxime una tormenta eléctrica para evitar el riesgo remoto de una descarga eléctrica producida por los rayos a través de la línea telefónica.
- Para evitar el peligro potencial de sufrir una descarga eléctrica, no conecte ni desconecte ningún cable ni realice el mantenimiento o la reconfiguración de este producto en el transcurso de una tormenta eléctrica.
- Las tarjetas PC pueden calentarse mucho durante la operación normal. Tenga cuidado al quitar las tarjetas PC después de su funcionamiento continuo.
- No arroje las baterías de iones de litio del ordenador al fuego o a la basura. Pueden explotar. Deshágase de las baterías agotadas de acuerdo con las instrucciones del fabricante o póngase en contacto con la agencia local de eliminación de residuos acerca del desecho de residuos.
- Limpie el ordenador con un paño suave mojado en agua en vez de utilizar algún líquido limpiador o aerosol que podría contener sustancias inflamables.

## **Prepararse para trabajar en el interior del ordenador**

Observe las siguientes pautas de seguridad cuando trabaje en el interior del ordenador.

**AVISO: la única ocasión en la que debe tener acceso al interior del ordenador es cuando instale módulos de memoria.**

**AVISO: apague el ordenador y espere 5 segundos antes de desconectar un dispositivo o retirar un módulo de memoria para evitar un posible daño en la placa base.**



*NOTA: para obtener instrucciones detalladas, consulte la Guía del usuario.*

- Apague el ordenador y todos los dispositivos periféricos.
- Desconecte el ordenador y todos los dispositivos periféricos de las tomas de corriente para reducir la posibilidad de producirse daños o sufrir una descarga eléctrica.
- Si el ordenador está acoplado, desacóplelo.
- Desconecte todos los periféricos que estén conectados, incluidas las líneas de teléfono o de telecomunicaciones.

- Retire la batería principal del compartimento para la batería y la segunda batería (si la hubiere) del compartimento modular.
- Conéctese usted mismo a tierra por el procedimiento de tocar una superficie metálica sin pintura del conector de entrada y salida (E/S) en la parte posterior del ordenador.
- Mientras trabaja, periódicamente toque el panel de E/S para disipar la electricidad estática que pudiera dañar los componentes internos.

## ***Pautas generales de EMC***

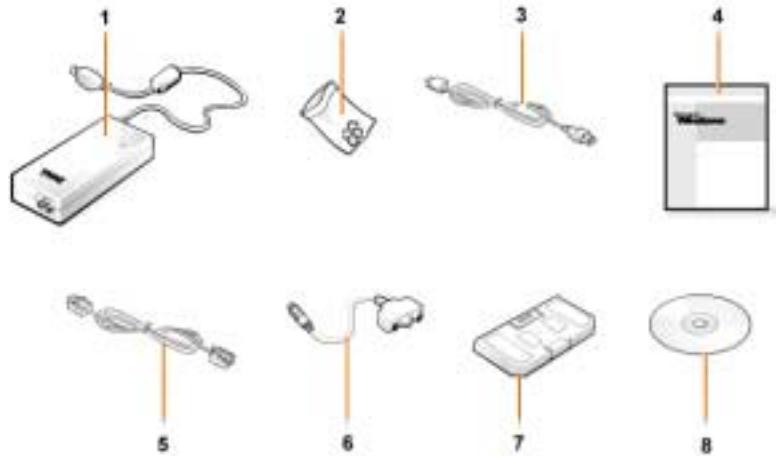
- Cables de señal blindados: La utilización de cables blindados garantiza que se mantiene la clasificación EMC adecuada para el entorno especificado. Para impresoras en paralelo, existe un cable disponible de Dell. Si lo prefiere, puede solicitar un cable de Dell en el sitio <http://www.dell.com> de la Red mundial.
- Protección contra descargas electrostáticas: La electricidad estática puede dañar los componentes electrónicos que hay en el interior del equipo. Para evitar el daño por descargas electrostáticas, antes de tocar cualquiera de los componentes electrónicos del sistema (como un módulo de memoria, por ejemplo), descargue la electricidad estática de su cuerpo. Para ello, toque una superficie metálica no pintada en el panel de E/S del equipo.
- Una interferencia electromagnética (EMI, del inglés Electromagnetic Interference) es cualquier señal o emisión, radiada en el espacio o conducida a través de un cable de alimentación o señal, que pone en peligro el funcionamiento de una navegación por radio u otro servicio de seguridad o degrada seriamente, obstruye o interrumpe de forma repetida un servicio de comunicaciones por radio autorizado. Su ordenador Dell está diseñado para cumplir las normativas aplicables respecto a EMI. Cambios o modificaciones no aprobados expresamente por Dell podrían invalidar su autorización para utilizar el equipo. Puede encontrar información de normativas relativas al equipo en la *Guía del usuario* en línea.

## Procedimientos iniciales

Para configurar el ordenador, siga estos pasos:

1. Desempaque la caja de accesorios (vea la figura 4-1).
2. Saque el contenido de la caja de accesorios, que necesitará para completar la configuración del ordenador.

La caja de accesorios también contiene la documentación del usuario, el CD ResourceCD y el software o hardware adicional (como tarjetas PC, unidades o baterías) que haya pedido.



**Figura 4-1. Contenido de la caja de accesorios**

<b>1</b>	Adaptador de CA	<b>5</b>	Cable para módem opcional
<b>2</b>	Protectores de la palanca de seguimiento	<b>6</b>	Cable adaptador de audio digital y TV
<b>3</b>	Cable de alimentación del adaptador de CA	<b>7</b>	Módulo de viaje
<b>4</b>	Documentación del sistema operativo	<b>8</b>	<i>Resource CD (CD de recursos)</i>

## **Conexión del adaptador de CA**



**Figura 4-2. Conexión del adaptador de CA**

## **Encendido del ordenador**

Para encender el ordenador, abra la pantalla y pulse el botón de alimentación (vea la figura 4-3).



*NOTA: no acople el ordenador hasta que se haya encendido y apagado por lo menos una vez.*



**Figura 4-3. Encendido del ordenador**

## Componentes del ordenador

Las figuras 4-4, 4-5, 4-6 y 4-7 muestran las ubicaciones de los componentes del ordenador.



**Figura 4-4. Vista frontal**

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<b>1</b>	Asegurador de la pantalla	<b>8</b>	Almohadilla de contacto
<b>2</b>	Pantalla	<b>9</b>	Batería
<b>3</b>	Indicadores de estado del sistema	<b>10</b>	Compartimento modular
<b>4</b>	Toma de aire	<b>11</b>	Botones de palanca de seguimiento y almohadilla de contacto
<b>5</b>	Indicadores de estado del teclado	<b>12</b>	Tecla de AccessDirect™ de Dell
<b>6</b>	Teclado	<b>13</b>	Botón de alimentación
<b>7</b>	Palanca de seguimiento	<b>14</b>	Micrófono interno

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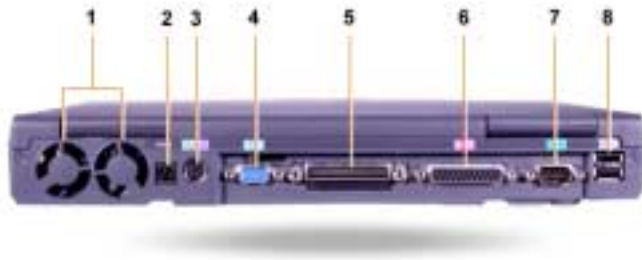


**Figura 4-5. Vista lateral derecha**

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<b>1</b>	Altavoz	<b>6</b>	Sensor de infrarrojos
<b>2</b>	Conector de red opcional	<b>7</b>	Conector IEEE 1394
<b>3</b>	Conector del módem opcional	<b>8</b>	Ranuras para tarjetas PC
<b>4</b>	Ranura para cable de seguridad	<b>9</b>	Enchufes de audio
<b>5</b>	Compartimento para unidad de disco duro	<b>10</b>	Toma de aire

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**Figura 4-6. Vista posterior**

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<b>1</b> Ventiladores	<b>5</b> Conector de acoplamiento
<b>2</b> Conector de alimentación de CA	<b>6</b> Conector paralelo
<b>3</b> Conector PS/2 (para ratón, teclado o teclado numérico)	<b>7</b> Conector serie
<b>4</b> Conector de vídeo	<b>8</b> conectores de puerto USB

---





**Figura 4-7. Vista lateral izquierda**

- 
- |   |   |
|---|---|
| <b>1</b> Pestaña de tiro de la unidad óptica fija | <b>4</b> Ranura para cable de seguridad |
| <b>2</b> Unidad óptica fija                       | <b>5</b> Altavoz                        |
| <b>3</b> Conector para S-Video y TV-out           |   |
-

## Reemplazo de la batería principal



**PRECAUCIÓN:** la utilización de un tipo de batería distinto puede provocar fuego o una explosión. Sustitúyala sólo por otra del mismo tipo o de un tipo equivalente comprada a Dell. Puede utilizar la batería del ordenador en cualquier ordenador de la familia Latitude C, **excepto** en ordenadores Latitude CS o CSx. No intente usar la batería en ordenadores CS o CSx, ni utilice una batería de estos modelos en el ordenador.

**AVISO:** para evitar que se produzca una pérdida de datos, no reemplace la batería mientras el ordenador esté encendido a menos que éste se encuentre conectado a una toma de energía eléctrica o a menos que haya una segunda batería instalada.

**AVISO:** utilice solamente baterías de iones de litio en el ordenador. Éste no admite baterías de hidruro de metal-níquel (NiMH).

Antes de instalar una nueva batería, compruebe su nivel de carga mediante el botón de prueba de la batería. No se encenderá el medidor de batería si ésta se encuentra completamente descargada.

Para reemplazar una batería en el compartimento de la batería, realice los pasos siguientes.



*NOTA:* para obtener instrucciones detalladas, consulte la Guía del usuario.

1. Guarde el trabajo y cierre todos los archivos y programas abiertos.
2. Si el ordenador está acoplado, desacóplelo.
3. Si el compartimento modular contiene una batería, continúe en el paso 5.

**AVISO:** si decide cambiar la batería mientras el ordenador está en el modo de espera o de hibernación, tendrá hasta 2 minutos para completar la sustitución de la batería. Transcurridos los 2 minutos, el ordenador se apagará y se perderá toda la información que no haya guardado.

4. Si la única batería del ordenador está en el compartimento de la batería y desea reemplazarla, conecte el ordenador a una toma de corriente o conserve los datos mediante uno de estos métodos:
  - Utilice el modo de suspensión.
  - Use el modo de hibernación.



*NOTA:* para obtener más información acerca de los modos de suspensión e hibernación, consulte la Guía del usuario.

5. Cierre la pantalla del ordenador, coloque el ordenador en posición invertida y retire la batería.



**Figura 4-8. Extracción de una batería del compartimento de la batería**

6. Deslice la nueva batería firmemente en el compartimento de la batería. Cuando la batería esté totalmente asentada oírás un clic.
7. Dependiendo del modo de administración de energía en que se encuentre el ordenador, pulse el botón de alimentación o abra la pantalla para reanudar el funcionamiento normal.

## **Información para NOM (únicamente para México)**

La información siguiente se proporciona en el dispositivo o en los dispositivos descritos en este documento, en cumplimiento con los requisitos de la Norma Oficial Mexicana (NOM):

Exportador:	Dell Computer Corporation One Dell Way Round Rock, TX 78682
Importador:	Dell Computer de México, S.A. de C.V. Paseo de la Reforma 2620 - 11° Piso Col. Lomas Altas 11950 México, D.F.
Embarcar a:	Dell Computer de México, S.A. de C.V. al Cuidado de Kuehne & Nagel de México S. de R.I. Avenida Soles No. 55 Col. Peñon de los Baños 15520 México, D.F.
Tensión alimentación:	100-240 VAC
Frecuencia:	50-60 Hz
Consumo de corriente (máxima):	1,5 A
Voltaje de salida:	20 VDC
Corriente de salida (máxima):	3.5 A

## Obtención de ayuda

Dell proporciona una serie de herramientas para ayudarle en el caso de que el ordenador no funcione como es de esperar. Si desea información sobre estas herramientas de ayuda, consulte la *Guía del usuario*.

Si tiene un problema con el ordenador y no consigue tener acceso a la *Guía del usuario* en línea, utilice los Diagnósticos Dell para determinar la causa del problema y solucionarlo. Los diagnósticos están disponibles en el *ResourceCD* (CD de recursos) que viene con el ordenador.



*NOTA: ejecute los diagnósticos Dell antes de llamar a la asistencia técnica. Las pruebas de los Diagnósticos proporcionan información que podrá necesitar cuando haga la llamada.*

Para iniciar los diagnósticos, siga estos pasos:

1. Apague el ordenador.
2. Desacople el ordenador si lo ha acoplado.
3. Encienda el ordenador.
4. Pulse <F2> cuando comience la rutina de inicialización para tener acceso al menú de configuración del sistema.



*NOTA: escriba la secuencia de inicialización actual por si deseara modificarla después de ejecutar los Diagnósticos Dell.*

5. Seleccione la secuencia de inicialización siguiente.



*NOTA: sólo puede inicializar el ordenador desde una unidad de CD-ROM, CD-RW o DVD-ROM instalada como una unidad óptica fija. No puede inicializar desde módulos instalados en el compartimento modular.*

- **Boot First Device (primer dispositivo de inicialización): Diskette Drive (unidad de disquete)**
  - **Boot Second Device (segundo dispositivo de inicialización): CD/DVD/CD-RW Drive (unidad de CD/DVD/CD-RW)**
  - **Boot Third Device (tercer dispositivo de inicialización): Internal HDD (Unidad de disco duro interna)**
6. Inserte el *Resource CD* (CD de recursos) en la unidad de CD-ROM.
  7. Apague el ordenador.
  8. Encienda el ordenador.

El ordenador se inicia y comienza a ejecutar automáticamente los Diagnósticos Dell.

9. Cuando se hayan ejecutado los diagnósticos, extraiga el *ResourceCD* de la unidad de CD-ROM.

Para cambiar la secuencia de inicialización, repita los pasos del 1 al 6, personalizándola para que se ajuste a sus necesidades. A continuación, reinicie el ordenador.

Cuando se ejecutan los diagnósticos, aparece la pantalla del logotipo Dell, seguida de un mensaje que indica que se está cargando el programa de diagnósticos. Una vez cargado, aparecerá la ventana **Diagnostics Menu** (menú de diagnósticos).

Para seleccionar una opción de este menú, resalte la opción y pulse <Intro>, o pulse la tecla que corresponda a la letra resaltada en la opción que elija.

# Declaración de garantía de Intel (sólo en EE.UU. y Canadá)

## Intel's Three Year Limited Warranty

### Limited Warranty

Intel warrants that its family of Pentium® and Celeron™ processors, if properly used and installed, will be free from defects in materials and workmanship and will substantially conform to Intel's publicly available specifications for a period of three (3) years after the date the Pentium or Celeron processor was purchased (whether purchased separately or as part of a computer system).

If the Pentium or Celeron processor, which is the subject of this Limited Warranty, fails during the warranty period for reasons covered by this Limited Warranty, Intel, at its option, will:

- REPAIR the Pentium or Celeron processor by means of hardware and/or software; OR
- REPLACE the Pentium or Celeron processor with another Pentium or Celeron processor; OR
- if Intel is unable to repair or replace the particular Pentium or Celeron processor,
- REFUND the then-current value of the Pentium or Celeron processor.

THIS LIMITED WARRANTY, AND ANY IMPLIED WARRANTIES THAT MAY EXIST UNDER STATE LAW, APPLY ONLY TO THE ORIGINAL PURCHASER OF THE PENTIUM OR CELERON PROCESSOR, OR PENTIUM OR CELERON PROCESSOR-BASED COMPUTER AND LAST ONLY FOR AS LONG AS SUCH PURCHASER CONTINUES TO OWN THE PROCESSOR.

### Extent of Limited Warranty

Intel does not warrant that your Pentium or Celeron processor will be free from design defects or errors known as "errata". Current characterized errata are available upon request. This limited warranty is for purchasers in the United States and Canada only. The limited warranty does not cover any costs relating to removal or replacement of any Pentium or Celeron processors that are soldered or otherwise permanently affixed to your system's motherboard.

This limited warranty does not cover damages due to external causes, including accident, problems with electrical power, usage not in accordance with product instructions, misuse, neglect, alteration, repair, improper installation, or improper testing.

### How to Obtain Warranty Service

To obtain warranty service for your Pentium or Celeron processor, you may contact your computer system manufacturer in accordance with its instructions, or you may contact Intel.

To request warranty service from Intel, you should call Intel at 1-800-628-8686 during the warranty period during normal business hours (Pacific Time), excluding holidays. Please be prepared to provide:

- (1) your name, address, and telephone numbers;
- (2) proof of purchase;
- (3) this Intel warranty card;
- (4) a description of the computer system including the brand and model; and
- (5) an explanation of the problem.

[Note: The Customer Service Representative may need additional information from you depending on the nature of the problem.]

The replacement processor is warranted under this written warranty and is subject to the same limitations and exclusions for the remainder of the original warranty period or one (1) year, whichever is longer.

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## Intel Pentium® and Celeron™ Processors are backed by a three-year limited warranty.

Please refer to the reverse side of this card for complete warranty details.

### Intel's Commitment to Quality

Intel is committed to producing the highest quality processors available. That's why we have hundreds of people dedicated to continuously improve our design, manufacturing, and testing technology.

We put every one of our Pentium® and Celeron™ processors through a rigorous battery of tests during the design and manufacturing processes.

To verify that the new chip will correctly run the software written for Intel Architecture processors, a team of Intel engineers is dedicated to compatibility testing. In a state-of-art lab, this group runs an extensive set of operating systems, applications, network tests and stress tests repeatedly to ensure that the processor is compatible with representative software.

Just as importantly, we work with hardware and software companies in the computer industry to ensure that our processors are compatible with their products.

Additionally, a sampling of Intel processors are subjected to a rigorous "burn-in" test whereby the chip is operated at higher-than-normal temperatures and voltages. During this burn-in period, the processor experiences the equivalent of weeks of normal usage. These units are monitored for failures as part of our ongoing quality assurance process.

As a result, today's microprocessors from Intel are among the most reliable components in computers.

### What are 'Errata'?

Exhaustive product testing can highlight differences between the actual behavior of the microprocessor and its specifications. Sometimes the discrepancies are caused by a design defect or error, which we call *errata*. Rigorous validation identifies most errata during the development of the processor, but we do detect additional errata during the life cycle of a microprocessor.

When an erratum is identified, our engineers work to characterize it and find a solution. We work with system designers and software developers to ensure that the discrepancy does not affect their products. If necessary, special software or hardware solutions (sometimes known as "work arounds") are implemented in the system design to prevent computer users from encountering the problem. Errata may then be corrected in future revisions of the microprocessor.

No microprocessor is perfect, and Intel recognizes that some consumers want to know about any errata, whether or not the errata affect them. Intel makes documentation of all characterized Pentium and Celeron processor errata publicly available through our Technical Documentation Service.

*At Intel, our goal is to make every computer user satisfied with his or her Pentium or Celeron processor. Should you have any questions, comments or concerns about your Intel microprocessor, please call us at 1-800-628-8686.*

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