TravelMate 430 Series

User's Guide

Model

BQ12

TravelMate 430 Series Notebook Computer User's Guide
Original Issue: January 2003

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Record the model number, serial number, purchase date, and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number, and purchase information.

TravelMate 430 series Notebook computer

Model number : _____

Serial number: _____

Purchase date: _____

Place of purchase: _____

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, (example - use only shielded interface cables when connecting to computer or peripheral devices) any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

First things first

We would like to thank you for making the TravelMate series of notebook computers your choice for your mobile computing needs. We hope you will be happy with your TravelMate as much as we enjoyed making it for you.

Your guides

To help you use your TravelMate, we have designed a set of guides:

First off, the **Just for Starters...** poster helps you get started with setting up your computer.

This **User's Guide** introduces you to the many ways your computer can help you be more productive. This guide provides clear and concise information about the computer, so read it thoroughly.

If you ever need to print out a copy, this User's guide is also available in PDF (Portable Document Format). Follow these steps:

1 Click on **Start**, **Programs**, **AcerSystem**.

2 Click on **AcerSystem User's Guide**.

Note: Viewing the file requires Adobe Acrobat Reader installed. For instructions on how to use Adobe Acrobat Reader, access the **Help** menu.

For more information about our products, services, and support information, please visit our Web site (global.acer.com).

Basic care and tips for using your computer

Turning your computer on and off

To turn on the computer, simply press the power button - the leftmost button above the keybaord of your TravelMate. See page 3 for the exact location of the power button.

To turn the power off, do any of the following:

*   Use the Windows shutdown command

    For Windows 2000: Click on **Start**, **Shut Down...**, and select **Shut down**; then click on **OK**.

    - or -

    For Windows XP: Click on **Start**, **Turn off Computer**; then click **Turn Off**.

*   Use the power switch

    Note: You can also use the power switch to perform power management functions. See Windows help for more information.

*   Use the customized functions for power management

    You can also shut down the computer by closing the display cover, or by pressing the sleep hot key (**Fn-F4**). See "Hot keys" on page 15.

    Note: If you cannot power off the computer normally, press and hold the power switch for more than four seconds to shut down the computer. If you turn off the computer and want to turn it on again, wait at least two seconds before powering up.

Taking care of your computer

Your computer will serve you well if you take care of it.

*   Do not expose the computer to direct sunlight. Do not place it near sources of heat, such as a radiator.
*   Do not expose the computer to temperatures below 0ºC (32ºF) or above 50ºC (122ºF).
*   Do not subject the computer to magnetic fields.

- Do not expose the computer to rain or moisture.

- Do not spill water or any liquid on the computer.

- Do not subject the computer to heavy shock and vibration.

- Do not expose the computer to dust and dirt.

- Never place objects on top of the computer to avoid damaging the computer.

- Do not slam the computer display when you close it.

- Never place the computer on uneven surfaces.

Taking care of your AC adapter

Here are some ways to take care of your AC adapter:

- Do not connect the adapter to any other device.

- Do not step on the power cord or place heavy objects on top of it. Carefully route the power cord and any cables away from personal traffic.

- When unplugging the power cord, do not pull on the cord itself but pull on the plug.

- The total ampere ratings of the equipment plugged in should not exceed the ampere rating of the cord if you are using an extension cord. Also, the total current rating of all equipment plugged into a single wall outlet should not exceed the fuse rating.

Taking care of your battery pack

Here are some ways to take care of your battery pack:

- Use only batteries of the same kind as replacements. Turn the power off before removing or replacing batteries.

- Do not tamper with batteries. Keep them away from children.

- Dispose of used batteries according to local regulations. Recycle if at all possible.

Cleaning and servicing

When cleaning the computer, follow these steps:

1 Power off the computer and remove the battery pack.

2 Disconnect the AC adapter.

3 Use a soft cloth moistened with water. Do not use liquid or aerosol cleaners.

4 To clean the display screen, use an LCD cleaning kit.

If any of the following occurs:

- The computer has been dropped or the body has been damaged.
- Liquid has been spilled into the product.
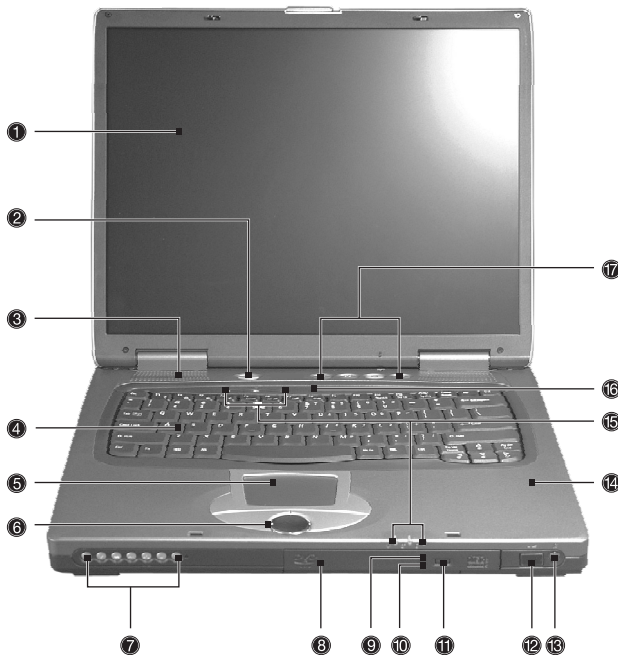- The computer does not operate normally.

Please refer to .

Contents

1 Getting to know your
TravelMate

Your TravelMate computer combines high-performance, versatility, power management features and multimedia capabilities with a unique style and ergonomic design. Work with unmatched productivity and reliability with your new power computing partner.

A TravelMate tour

After setting up your computer as illustrated in the **Just for Starters...** poster, let us show you around your new TravelMate computer.

Front view

#	Item	Description
1	Display screen	Also called LCD (liquid-crystal display), displays computer output.
2	Power Button	Turns on the computer power.
3	Speakers	Outputs sound.

#	Item	Description
4	Keyboard	Inputs data into your computer.
5	Touchpad	Touch-sensitive pointing device which functions like a computer mouse.
6	Click buttons (left, center and right)	The left and right buttons function like the left and right mouse buttons; the center button serves as a 4-way scroll button.
7	Audio DJ controls and indicators	Button and indicators for the Audio DJ function. For more information, see "Using the Audio DJ feature" on page 25.
8	Optical drive	Houses an optical drive module (CD-ROM , DVD-ROM or DVD/CD-RW combo drive).
9	Optical drive indicator	Lights up when the optical drive is active.
10	Emergency eject slot	Ejects the drive tray when the computer is turned off. See page 51 for more details.
11	Eject button	Ejects the drive tray.
12	Infrared port	Interfaces with infrared devices (e.g., infrared PDA, IR-aware computer).
13	Wireless networking / Bluetooth button	Enables or disables the wireless networking / Bluetooth(optional) feature.
14	Palmrest	Comfortable support area for your hands when you use the computer.
15	Status indicators	LEDs (light-emitting diode) that turn on and off to show the status of the computer, its functions and components.
16	Microphone	Inputs sounds and voices into your computer.
17	Launch keys	Special keys for launching internet browser, email program and frequently used programs. See "Launch Keys" on page 18 for more details.

Note: The positions of the Optical drive indicator, eject button and emergency eject hole may differ depending on the optical drive module installed.

Left view

#	Item	Description
1	Power jack	Connects to an AC adapter.
2	Security keylock	Connects to a Kensington-compatible computer security lock.

Right view

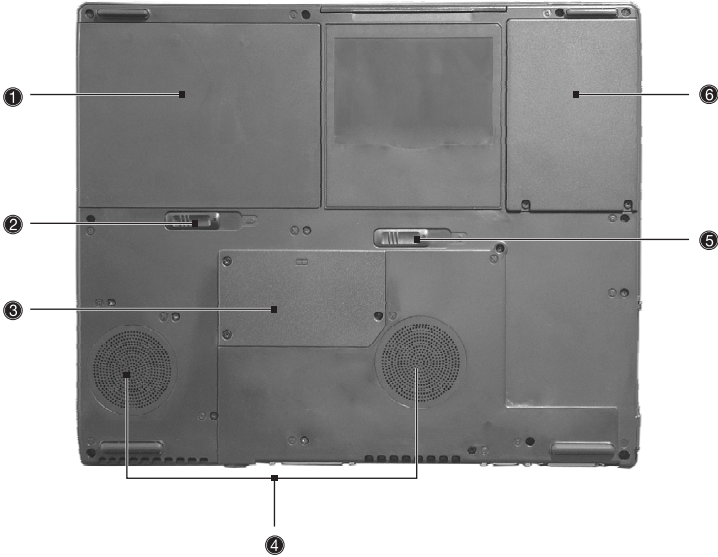| #	Item	Description
1	USB port ⟵⟶	Connects to Universal Serial Bus devices (e.g.,USB mouse, USB camera).
2	Line-in/Mic-in jack	Accepts audio line-in devices (e.g., audio CD player, stereo walkman). Selection is through the OS Windows mixer.
3	Speaker/ Headphone-out jack	Connects to audio line-out devices (e.g.,speakers, headphones).
4	Modem jack	Connects to a phone line.
5	IEEE 1394 port 1394	Connects to an IEEE 1394 device.
6	PC card eject button	Ejects the PC card from the slot.
7	PC card slots	Accepts one type II PC cards.
8	Network jack	Connects to an Ethernet 10/100-based network.

#	Item	Description
9	Memory stick slot	Accepts memory sticks.
10	SD/MMC slot	Accepts SD or MMC cards.

Rear view

#	Item	Description
1	Expansion port	I/O replicator or EasyPort expansion devices.
2	External display port	Connects to a display device (e.g., external monitor, LCD projector).
3	Parallel port	Connects to a parallel device (e.g., parallel printer).
4	S-video	Connects to a television or display device with S-video input.

Bottom view

#	Item	Description
1	Battery bay	Houses the computer's battery pack.
2	Battery release latch	Unlatches the battery to remove the battery pack.
3	Memory compartment	Houses the computer's main memory.
4	Cooling fans	Helps keep the computer cool. **Note:** Don't cover or obstruct the opening of the fan.
5	AcerMedia drive bay release latch	Unlatches the AcerMedia bay to remove the optical diskette drive
6	Hard disk bay	Houses the computer's hard disk.

Features

Below is a brief summary of the computer's many features:

Performance

- Intel® Desktop P4P CPU with packing mPGA 478 package
- PC2100 DDR SDRAM, Maximum memory up 2GB (with two 1024MB SODIMM when available)
- Internal optical drive (swappable with optional drive)
- Removable PCI Bus Master Enhanced IDE hard disk
- Li-lon battery pack
- Power management system with ACPI (Advanced Configuration Power Interface)

Display

- Thin-Film Transistor (TFT) liquid crystal display (LCD) displaying 32-bit high true color up to 1024 x 768 eXtended Graphics Array (XGA) resolution for 14"/15".   For some 15" models upto1400 x 1050 Super eXtended Graphics Array+ (SXGA+) .
- 3D capabilities
- Simultaneous LCD and CRT display support
- S-video for output to a television or display device that supports S-video input
- "Automatic LCD dim" feature that automatically decides the best settings for your display and conserves power
- Dual display capability

Multimedia

- Realtek ALC202 AC'97 Codec audio
- Built-in dual speakers
- Built-in microphone
- High-speed optical drive
- Direct CD Player

Connectivity

- High-speed fax/data modem port
- Ethernet/Fast Ethernet port
- 3 USB 2.0 (Universal Serial Bus) ports
- IEEE 1394 port
- SD/MMC memory slot
- Memory stick slot
- Acer EasyPort port replicator
- Wireless LAN ready (specification varies depending on models)
- Bluetooth ready (specification varies depending on models)

Human-centric design and ergonomics

- 4-way scroll button
- Sleek, smooth and stylish design
- Acer FinTouch full-sized curved keyboard
- Ergonomically-centered touchpad pointing device

Expansion

- One type II CardBus PC Card slots
- Upgradeable memory

Indicators

The computer has seven easy-to-read status icons below the display screen.

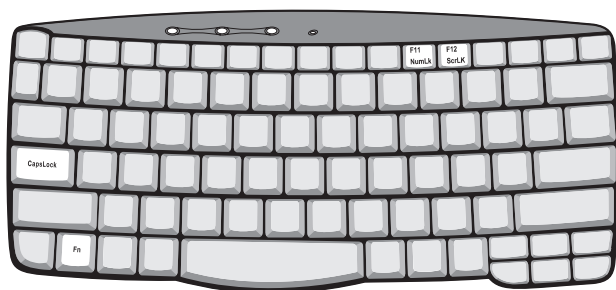| Icon	Function	Description
	Power	Lights green when the computer is on. Flashes when the computer is in low power.
Z^z	Sleep	Flashes when the computer is entering Sleep mode. Lights orange when the computer is in Sleep mode.
	Battery charge	Lights when the battery is being charged.
	Wireless communication	Lights when the Wireless LAN or Bluetooth capabilities are enabled.
	Caps lock	Lights when Caps Lock is activated.
	Num lock	Lights when Num Lock is activated.
	Media activity	Lights when the hard disk or AcerMedia drive is active.

English

Using the keyboard

The full-sized keyboard includes an embedded numeric keypad, separate cursor keys, two Windows keys and twelve function keys.

Special keys

Lock keys

The keyboard has three lock keys which you can toggle on and off.

Lock key	Description
Caps Lock	When Caps Lock is on, all alphabetic characters typed are in uppercase.
Num Lock (Fn-F11)	When Num Lock is on, the embedded keypad is in numeric mode. The keys function as a calculator (complete with the arithmetic operators +, -, *, and /). Use this mode when you need to do a lot of numeric data entry. A better solution would be to connect an external keypad.
Scroll Lock (Fn-F12)	When Scroll Lock is on, the screen moves one line up or down when you press the up or down arrow keys respectively. Scroll Lock does not work with some applications.

Embedded numeric keypad

The embedded numeric keypad functions like a desktop numeric keypad. It is indicated by small characters located on the upper right corner of the keycaps. To simplify the keyboard legend, cursor-control key symbols are not printed on the keys.

Desired access	Num lock on	Num lock off
Number keys on embedded keypad	Type numbers in a normal manner.	
Cursor-control keys on embedded keypad	Hold Shift while using cursor-control keys.	Hold Fn while using cursor-control keys.
Main keyboard keys	Hold Fn while typing letters on embedded keypad.	Type the letters in a normal manner.

Windows keys

The keyboard has two keys that perform Windows-specific functions.

Key	Description
Windows logo key	Start button. Combinations with this key perform shortcut functions. Below are a few examples:
	+ Tab (Activates next taskbar button)
	+ E (Explores My Computer)
	+ F (Finds Document)
	+ M (Minimizes All)
	Shift + + M (Undoes Minimize All)
	+ R (Displays the Run… dialog box)
Application key	Opens a context menu (same as a right-click).

Hot keys

The computer employs hot keys or key combinations to access most of
the computer's controls like screen brightness, volume output.

To activate hot keys, press and hold the **Fn** key before pressing the
other key in the hot key combination.

Hot key	Icon	Function	Description
Fn-F1	?	Hot key help	Displays help on hot keys.
Fn-F2		System Property	Displays the System Property.
Fn-F3		Power Options	Display the Power Options Properties used by the computer (function available if supported by operating system). See "Power management" on page 26".
Fn-F4	z^z	Sleep	Puts the computer in Sleep mode. See "Power management" on page 26".

English

Hot key	Icon	Function	Description
Fn-F5	☐▮	Display toggle	Switches display output between the display screen, external monitor (if connected) and both the display screen and external monitor.
Fn-F6	✸▮	Screen blank	Turns the display screen backlight off to save power. Press any key to return.
Fn-F7	🖘	Touchpad toggle	Turns the internal touchpad on and off.
Fn-F8	◁/◀»	Speaker toggle	Turns the speakers on and off.
Fn-↑	◀»	Volume up	Increases the speaker volume.
Fn-↓	◀)	Volume down	Decreases the speaker volume.
Fn-→	☼	Brightness up	Increases the screen brightness.
Fn-←	☀	Brightness down	Decreases the screen brightness.