

Extensa 5430/5130 Series

Quick Guide

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Extensa 5430/5130 Series Quick Guide
Original Issue: 06/2008

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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.

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Extensa 5430/5130 Series Notebook PC

Model number: _____

Serial number: _____

Date of purchase: _____

Place of purchase: _____

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CE Declaration of Conformity



We,

Acer Computer (Shanghai) Limited
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 Shanghai, China

Contact person: Mr. Easy Lai

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Email: easy_lai@acer.com.tw

Hereby declare that:

Product: Notebook Computer	Trade name: Acer
Model number: MS2231	Machine type: Extensa 5430/5130
SKU number: Extensa 5430/5130-xxxx ("x" = 0-9, a-z, or A-Z)	

Is compliant with the essential requirements and other relevant provisions of the following EC directives, and that all the necessary steps have been taken and are in force to assure that production units of the same product will continue comply with the requirements.

EMC Directive 2004/108/EC as attested by conformity with the following harmonized standards:

- EN55022:1998 + A1:2000 + A2:2003, AS/NZS CISPR22:2002, Class B
- EN55024:1998 + A1:2001 + A2:2003
- EN55013:2001 + A1:2003 + A2:2006 (For AV products)
- EN55020:2007 (For AV products)
- EN61000-3-2:2006, Class D
- EN61000-3-3:1995 + A1:2001 + A2:2005

Low Voltage Directive 2006/95/EC as attested by conformity with the following harmonized standard:

- EN60950-1:2001 + A11:2004
- EN60065:2002 (For AV products)

Council Decision 98/482/EC (CTR21) for pan-European single terminal connection to the Public Switched Telephone Network (PSTN).

RoHS Directive 2002/95/EC on the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment.

R&TTE Directive 1999/5/EC as attested by conformity with the following harmonized standards:

- **Article 3.1(a) Health and Safety**
 - EN60950-1:2001 + A11:2004
 - EN50371:2002 (SAR, general RF devices)
 - EN50360:2001 (SAR, for mobile phones)
- **Article 3.1(b) EMC**
 - EN301 489-1 V1.6.1 (Common technical requirements)
 - EN301 489-3 V1.4.1 (For short-range devices)
 - EN301 489-7 V1.3.1 (For GSM and DCS)
 - EN301 489-17 V1.2.1 (For wide band data and HIPERLAN equipment)
 - EN301 489-24 V1.2.1 (For UMTS band)
- **Article 3.2 Spectrum Usages**
 - EN300 220-3 V1.1.1 (For short range devices, 25 - 1000MHz, part 3).
 - EN300 440-2 V1.1.2 (For short range devices, 1G - 20GHz, part 2).
 - EN300 328 V1.7.1

- (For Data transmission equipment operating in the 2.4 GHz ISM band).
- EN301 511 V9.0.2 (For GSM and DCS)
 - EN301 893 V1.2.3 (5 GHz high performance RLAN)
 - EN301 908-1 V2.2.1 (For UMTS band, introduction and common requirements)
 - EN301 908-2 V2.2.1
(Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD))

CE marking affixed starting from 2008

Easy Lai
 Easy Lai / Director
 Acer Computer (Shanghai) Limited

29 Feb 2008
 Date

Federal Communications Commission Declaration of Conformity

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.

The following local manufacturer/importer is responsible for this declaration:

Product name:	Notebook PC
Model number:	MS2231
Machine type:	Extensa 5430/5130
SKU number:	Extensa 5430/5130-xxxx ("x" = 0 - 9, a - z, or A - Z)
Name of responsible party:	Acer America Corporation
Address of responsible party:	333 West San Carlos St., San Jose, CA 95110 USA
Contact person:	Acer Representative
Tel:	1-254-298-4000
Fax:	1-254-298-4147

First things first

We would like to thank you for making an Acer notebook your choice for meeting your mobile computing needs.

Your guides

To help you use your Acer notebook, we have designed a set of guides*:

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

For more on how your computer can help you to be more productive, please refer to the AcerSystem User Guide. This guide contains detailed information on such subjects as system utilities, data recovery, expansion options and troubleshooting. In addition it contains warranty information and the general regulations and safety notices for your notebook. It is available in Portable Document Format (PDF) and comes preloaded on your notebook. Information for your safety and comfort.



Note: Viewing the file requires Adobe Reader. If Adobe Reader is not installed on your computer, clicking on AcerSystem User Guide will run the Adobe Reader setup program first. Follow the instructions on the screen to complete the installation. For instructions on how to use Adobe Reader, access the Help and Support menu.

Please understand that due to its nature, the Quick Guide as well as the Application Manual will occasionally refer to functions or features which are only contained in certain models of the series, but not necessarily in the model you purchased. Such instances are marked in the text with language such as "only for certain models".



*** IMPORTANT NOTICE:** Please note that the guides mentioned herein, whether in printed or electronic form, are for your reference only and except as provided in the specific warranty information contained in the AcerSystem User Guide nothing contained in these guides shall constitute a representation or warranty by Acer with regard to the product you purchased. Acer expressly disclaims any liability for errors contained in the guides.

Your Acer notebook tour

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

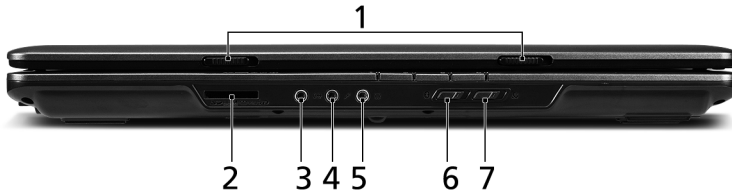
Top view









#	Item	Description
1	Acer Crystal Eye	Web camera for video communication (only for certain models).

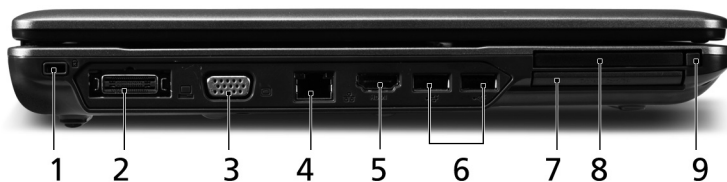
#	Item	Description
2	Acer PureZone	Two internal stereo microphones for sound recording (only for certain models).
3	Display screen	Also called Liquid-Crystal Display (LCD), displays computer output.
4	Speakers	Left and right speakers deliver stereo audio output.
5	Empowering key	Launch Acer Empowering Technology
6	Productivity keys	Three productivity keys give users one-touch access to protection and manageability features for a more secure, smarter and easier way to work. Please refer to " Generic User Guide " for more details.
7	Easy-launch buttons	Buttons for launching frequently used programs. Please refer to " Generic User Guide " for more details.
8	Palmrest	Comfortable support area for your hands when you use the computer.
9	Touchpad	Touch-sensitive pointing device which functions like a computer mouse.
10	Click buttons (left, center* and right)	The left and right buttons function like the left and right mouse buttons. *The center button serves as Acer BioProtect fingerprint reader supporting Acer FingerNav 4-way control function (manufacturing option).
11	Acer Bio-Protection fingerprint reader	The center button serves as Acer Bio-Protection fingerprint reader supporting Acer FingerNav 4-way control function (only for certain models).
12/15	Status indicators	Light-Emitting Diodes (LEDs) that light up to show the status of the computer's functions and components. Please refer to " Generic User Guide " for more details.
13	Keyboard	For entering data into your computer.
14	Power button	Turns the computer on and off.








Closed front view



#	Icon	Item	Description
1		Latch	Locks and releases the lid.
2		5-in-1 card reader	Accepts Secure Digital (SD), MultiMediaCard (MMC), Memory Stick (MS), Memory Stick Pro (MS PRO), and xD-Picture Card. Note: Only one card can operate at any given time.
3		Line-in jack	Accepts audio line-in devices (e.g., audio CD player, stereo walkman, mp3 player)
4		Microphone jack	Accepts inputs from external microphones.
5		Headphones/ speaker/line-out jack.	Connects to audio line-out devices (e.g., speakers, headphones).
6		Bluetooth communication switch	Enable/disable the Bluetooth function. (manufacturing option).
7		Wireless communication switch	Enable/disable the wireless function. (manufacturing option).

Left view



#	Icon	Item	Description
1		Kensington lock slot	Connects to a Kensington-compatible computer security lock.
2		Acer EasyPort IV connector	Connects to Acer EasyPort IV (only for certain models).
3		External display (VGA) port	Connects to a display device (e.g., external monitor, LCD projector).
4		Ethernet (RJ-45) port	Connects to an Ethernet 10/100/1000-based network.
5	HDMI	HDMI port	Supports high definition digital video connections (only for certain models).
6		Two USB 2.0 ports	Connect to USB 2.0 devices (e.g., USB mouse, USB camera).
7		PC Card slot	Accepts one Type II PC Card.
8		ExpressCard/54 slot	Accepts one ExpressCard/54 module.
9		PC Card slot eject button	Ejects the PC Card from the slot.


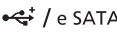


Right view



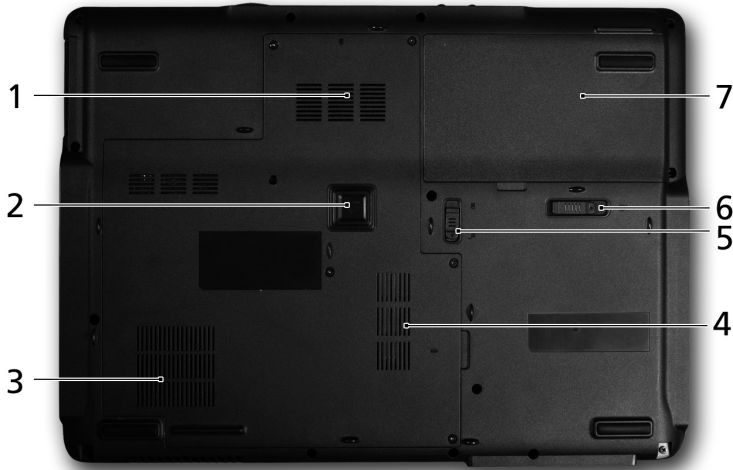
#	Item	Description
1	Optical drive	Internal optical drive; accepts CDs or DVDs.
2	Optical disk access indicator	Lights up when the optical drive is active.
3	Optical drive eject button	Ejects the optical disk from the drive.
4	Emergency eject hole	Ejects the optical drive tray when the computer is turned off. Note: Insert a paper clip to the emergency eject hole to eject the optical drive tray when the computer is off.






Rear view



#	Icon	Item	Description
1		USB 2.0 port	Connects to USB 2.0 devices (e.g., USB mouse, USB camera).
2		USB 2.0/ eSATA port	Connects to USB 2.0 or eSATA devices (only for certain models). Note: If you plug an eSATA device you will have three USB ports available in the mean time.
3		Modem (RJ-11) port	Connects to a phone line.
4		DC-in jack	Connects to an AC adapter.
5		Ventilation slots	Enable the computer to stay cool, even after prolonged use.


Base view



#	Icon	Item	Description
1		Hard disk bay	Houses the computer's hard disk (secured with screws)
2		Acer DASP (Disk Anti-Shock Protection)	Protects the hard disk drive from shocks and bumps (only for certain models).
3		Ventilation slots and cooling fan	Enable the computer to stay cool, even after prolonged use. Note: Do not cover or obstruct the opening of the fan.
4		Memory compartment	Houses the computer's main memory.
5		Battery lock	Locks the battery in position.
6		Battery release latch	Releases the battery to remove the battery pack.
7		Battery bay	Houses the computer's battery pack.

Specifications

Operating system	<ul style="list-style-type: none"> Windows Vista™
Platform	<ul style="list-style-type: none"> AMD Better By Design program, featuring: <ul style="list-style-type: none"> AMD Turion™ 64 X2 dual-core processor* AMD Athlon™ 64 X2 dual-core processor* Mobile AMD Sempron™ processor* AMD M780G Chipset Acer InViLink™ 802.11b/g* Acer InViLink™ Nplify™ 802.11b/g/Draft-N*
System memory	<ul style="list-style-type: none"> Dual-Channel DDR2 SDRAM support Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules*
Display	<ul style="list-style-type: none"> 15.4" WXGA 1280 x 800
Graphics	<ul style="list-style-type: none"> ATI Mobility Radeon™ HD 3200/3470*
Storage subsystem	<ul style="list-style-type: none"> 2.5" hard disk drive Optical drive options: <ul style="list-style-type: none"> Blu-ray Disc™/DVD-Super Multi double-layer drive* DVD-Super Multi double-layer drive* DVD/CD-RW combo drive* 5-in-1 card reader
Audio	<ul style="list-style-type: none"> Two built-in Acer 3DSonic stereo speakers High-definition audio support MS-Sound compatible One or two built-in microphones*
Communication	<ul style="list-style-type: none"> Acer Video Conference, featuring: <ul style="list-style-type: none"> Integrated Acer Crystal Eye webcam* Acer Video Conference Manager software Optional Acer Xpress VoIP phone WLAN: <ul style="list-style-type: none"> Acer InViLink™ 802.11b/g* Acer InViLink™ Nplify™ 802.11b/g/Draft-N* WPAN: Bluetooth® 2.0+EDR LAN: Gigabit Ethernet, Wake-on-LAN ready Modem: 56K ITU V.92
Privacy control	<ul style="list-style-type: none"> Enhanced Acer DASP (Disk Anti-Shock Protection)* Acer Bio-Protection fingerprint solution* BIOS user, supervisor, HDD passwords Kensington lock slot

Dimensions	<ul style="list-style-type: none"> • 360 (W) x 267 (D) x 30.3/43 (H) mm (14.17 x 10.51 x 1.09/1.69 inches) • 3.02 kg (6.65 lbs.)* • 2.88 kg (6.36 lbs.)*
Power subsystem	<ul style="list-style-type: none"> • ACPI 3.0 • 71 W 4800 mAh • 48.8W 4400 mAh • 3-pin 65 W AC adapter* • 3-pin 90W AC adapter* • Energy Star 4.0
Input devices	<ul style="list-style-type: none"> • 88-/89-key keyboard • Touchpad pointing device
I/O interface	<ul style="list-style-type: none"> • ExpressCard™/54 slot • PC Card slot (Type II) • Acer Bio-Protection fingerprint reader* • 5-in-1 card reader (SD™, MMC, MS, MS PRO, xD) • Three USB 2.0 ports • HDMI™ port with HDCP support* • USB 2.0/ eSATA port * <p></p> <p>Note: If you plug an eSATA device you will have three USB ports available in the mean time.</p> <ul style="list-style-type: none"> • External display (VGA) port • Headphone/speaker/line-out jack • Microphone-in jack • Line-in jack • Ethernet (RJ-45) port • Modem (RJ-11) port • DC-in jack for AC adapter • Acer EasyPort IV connecto*
Environment	<ul style="list-style-type: none"> • Temperature: <ul style="list-style-type: none"> • Operating: 5 °C to 35 °C • Non-operating: -20 °C to 65 °C • Humidity (non-condensing): <ul style="list-style-type: none"> • Operating: 20% to 80% • Non-operating: 20% to 80%



Note: "*" "only for certain models".



Note: The specifications listed above are for reference only. The exact configuration of your PC depends on the model purchased.