eMachines E510 Series

User's Guide

eMachines E510 Series Notebook PC

Model number: _____

Serial number: _____

Date of purchase: _____

Place of purchase: _____

Federal Communications Comission 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:	ICL50
Machine type:	eMachines E510
SKU number:	eMachines E510-xxxxx ("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 Representitive
Tel:	1-254-298-4000
Fax:	1-254-298-4147

We,

Acer Computer (Shanghai) Limited

3F, No. 168 Xizang medium road, Huangpu District,

Shanghai, China

Contact Person: Mr. Easy Lai

Tel: 886-2-8691-3089 Fax: 886-2-8691-3000

E-mail: easy_lai@acer.com.tw

Hereby declare that:

C E ①
Declaration of Conformity

Product: Notebook PC	Trade Name: eMachines
Model Number: ICL50	Machine Type: eMachines E510
SKU Number: eMachines E510-xxxxx ("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

-. EN61000-3-2:2000 + A2:2005, 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

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 standard:

- **Article 3.1(a) Health and Safety**

  -. EN60950-1:2001+ A11:2004

  -. EN50371:2002

- **Article 3.1(b) EMC**

  -. EN301 489-1 V1.4.1

  -. EN301 489-3 V1.4.1

  -. EN301 489-17 V1.2.1

- **Article 3.2 Spectrum Usages**

  -. EN300 328 V1.6.1

  -. EN301 893 V1.2.3

CE Issued Date: <u>29 February 2008</u>

Easy Lai

Easy Lai / Director

Acer Computer (Shanghai) Limited

29 Feb 2008

Date

First things first

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

Your guides

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

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

The printed **User's Guide** introduces you to the basic features and functions of your new computer. For more on how your computer can help you to be more productive, please refer to the **eMachinesSystem User's 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.
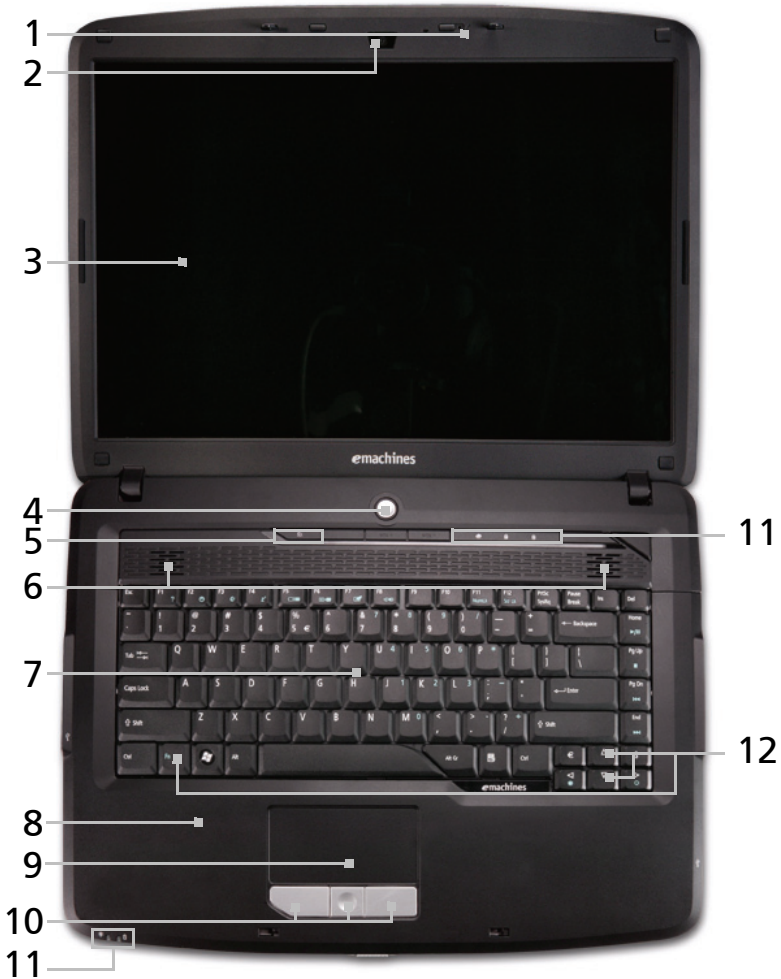
To view the user guide, click on **eMachinesSystem User's Guide**. **Note:** Viewing the file requires Adobe Reader.

Your eMachines notebook tour

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

Top view

#	ICON	Item	Description
1		Microphone	Internal microphone for sound recording.

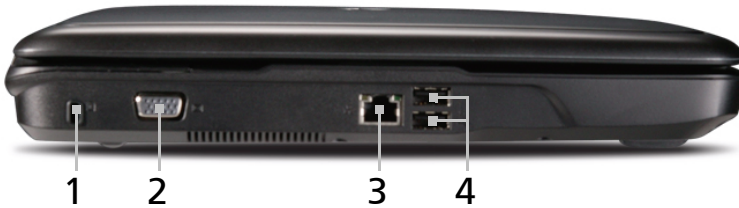| #	ICON	Item	Description
2		Integrated webcam	Web camera for video communication. (for selected models)
3		Display screen	Also called Liquid-Crystal Display (LCD), displays computer output.
4		Power button	Turns the computer on and off.
5		Wireless communication button/indicator	Enables/disables the wireless function. Indicates the status of wireless LAN communication.
6		Speakers	Left and right speakers deliver stereo audio output.
7		Keyboard	For entering data into your computer.
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 a 4-way scroll button.
11		Power[1]	Indicates the computer's power status.
		Battery[1]	Indicates the computer's batttery status. **1. Charging:** The light shows amber when the battery is charging. **2. Fully charged:** The light shows green when in AC mode.
		HDD	Indicates when the hard disk drive is active.
		Num Lock	Lights up when Num Lock is activated.
		Caps Lock	Lights up when Caps Lock is activated.
12	\<Fn> + \<△>	Volume up	Increases the sound volume.
	\<Fn> + \<▽>	Volume down	Decreases the sound volume.

1. The front panel indicators are visible even when the computer cover is closed up.

Closed front view

#	Icon	Item	Description
1		Microphone-in jack	Accepts input from external microphones.
2		Headphones/speaker/line-out jack	Connects to audio line-out devices (e.g., speakers, headphones).
3		Latch	Locks and releases the lid.

Left view

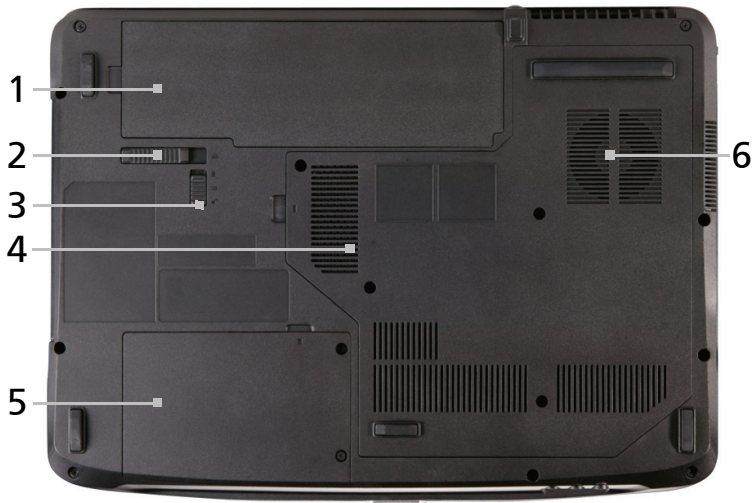| #	Icon	Item	Description
1		Kensington lock slot	Connects to a Kensington-compatible computer security lock.
			Note: Wrap the computer security lock cable around an immovable object such as a table or handle of a locked drawer. Insert the lock into the notch and turn the key to secure the lock. Some keyless models are also available.
2		External display (VGA) port	Connects to a display device (e.g., external monitor, LCD projector).
3		Ethernet (RJ-45) port	Connects to an Ethernet 10/100-based network.
4		2 USB 2.0 ports	Connect to USB 2.0 devices (e.g., USB mouse, USB camera).

Right view

#	Icon	Item	Description
1		USB 2.0 port	Connect to USB 2.0 devices (e.g., USB mouse, USB camera).
2		Optical drive	Internal optical drive; accepts CDs or DVDs
3		Optical disk access indicator	Lights up when the optical drive is active.
4		Optical drive eject button	Ejects the optical disk from the drive.
5		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		DC-in jack	Connects to an AC adapter.
2		Ventilation slots	Enable the computer to stay cool, even after prolonged use.

Base view

#	Icon	Item	Description
1		Battery bay	Houses the computer's battery pack.
2		Battery release latch	Releases the battery for removal.
3		Battery lock	Locks the battery in position.
4		Memory compartment	Houses the computer's main memory.
5		Hard disk bay	Houses the computer's hard disk (secured with screws).
6		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.

Specifications

Operating system	• Linpus™ Linux® console/X-Windows version* • Genuine Windows Vista*
Platform	• Intel® Celeron® processor • Mobile Intel® GL960 Express Chipset • IEEE 802.11b/g
System memory	Dual Channel DDR2 SDRAM support Up to 1 GB of DDR2 533 MHz memory, upgradeable to 2 GB using two soDIMM modules (dual-channel support)
Display	15.4" WXGA 1280 x 800
Graphics	• Mobile Intel® GL960 Express Chipset (Intel® Graphics Media Accelerator X3100)

Storage subsystem	• 80/120/160/250 GB or larger hard disk drive
	• Optical drive options:*
	    • DVD-Super Multi double-layer drive
	    • DVD/CD-RW combo drive
	
	* This version of Linpus™ Linux® only supports audio CD playback.

Audio	• High-definition audio support with two built-in stereo speakers

Communication	• Video conference:
	    • Integrated webcam
	    • Built-in microphone
	• WLAN: IEEE 802.11b/g
	• LAN: Fast Ethernet; Wake-on-LAN ready

Dimensions and weight	• 366 (W) x 274 (D) x 33.6/42.6 (H) mm (14.4 x 10.8 x 1.3/1.7 inches) • 2.80 kg (6.17 lbs.) with 6-cell battery pack
Power subsystem	• ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes • 44.4 W 4000 mAh Li-ion battery pack (6-cell) • 3-pin 65 W AC adapter
Special keys and controls	• 88-/89-key keyboard • Seamless touchpad

English

I/O interface	• Three USB 2.0 ports
	• External display (VGA) port
	• Headphones/speaker/line-out jack
	• Microphone-in jack
	• Ethernet (RJ-45) port
	• DC-in jack for AC adapter
Options and accessories	• 512 MB or 1 GB DDR2 soDIMM modules
	• 6-cell Li-ion battery pack
	• 3-pin 65 W AC adapter
	• External USB floppy disk drive
Software	• Adobe® Reader®
Environment	• Temperature:
	• Operating: 5 °C to 35 °C
	• Non-operating: -20 °C to 65 °C
	• Humidity (non-condensing):
	• 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.