



eMachines eME510 Quick Spec (v2-1-1)	
Operating system¹	Windows Vista® Home Premium Windows Vista® Home Basic
Platform¹	Intel® Celeron® mobile processor 540/550/560 (1 MB L2 cache, 1.86/2/2.13 GHz, 533 MHz FSB), supporting Intel® 64 architecture Mobile Intel® GL960 Express Chipset 802.11b/g Wi-Fi CERTIFIED® network connection
System memory^{1, 2}	Dual-channel DDR2 SDRAM support Up to 1 GB of DDR2 533 MHz memory, upgradeable to 2 GB using two soDIMM modules
Display	15.4" WXGA high-brightness (200-nit) TFT LCD, 1280 x 800 pixel resolution
Graphics¹	Mobile Intel® GL960 Express chipset with integrated 3D graphics, featuring Intel® Graphics Media Accelerator X3100 (Intel® GMA X3100) with up to 358 MB of Intel® Dynamic Video Memory Technology 4.0 (8 MB of dedicated system memory, up to 350 MB of shared system memory), supporting Microsoft® DirectX® 9 and DirectX® 10 ³ Dual independent display support 16.7 million colors External resolution/refresh rate: <ul style="list-style-type: none"> • 2048 x 1536: 75/60 Hz • 1920 x 1440: 85/75/60 Hz • 1920 x 1200: 75/60 Hz • 1920 x 1080: 100/85/75/60 Hz • 1600 x 1200: 120/100/85/75/60 Hz • 1600 x 900: 120/100/85/75/60 Hz • 1400 x 1050: 85/75/60 Hz • 1280 x 1024: 120/100/85/75/60 Hz • 1280 x 960: 85/75/60 Hz • 1280 x 768: 85/75/60 Hz • 1280 x 720: 100/85/75/60 Hz • 1024 x 768: 120/100/85/75/60 Hz • 800 x 600: 120/100/85/72/60 Hz MPEG-2/DVD acceleration

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Audio	High-definition audio support with two built-in stereo speakers (2 W) MS-Sound compatible
Storage¹	80/120/160/250 GB or larger hard disk drive ⁴
Optical media drive¹	8X DVD-Super Multi double-layer drive: <ul style="list-style-type: none"> • Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 6X DVD-ROM DL (double-layer), 6X DVD-R DL (double-layer), 6X DVD+R DL (double-layer), 6X DVD-RW, 6X DVD+RW, 5X DVD-RAM • Write: 24X CD-R, 16X CD-RW, 8X DVD-R, 8X DVD+R, 4X DVD-R DL (double-layer), 4X DVD+R DL (double-layer), 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM
Communication¹	Video conference: <ul style="list-style-type: none"> • Integrated webcam u některých modelů, 310K-megapixel resolution, featuring enhanced technology for low-light environments • Built-in microphone WLAN: 802.11b/g Wi-Fi CERTIFIED® network connection LAN: Fast Ethernet, Wake-on-LAN ready
Dimensions and weight¹	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
Power¹	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes 44.4 W 4000 mAh 6-cell Li-ion battery pack: <ul style="list-style-type: none"> • 2.0-hour battery life⁵ • 2.5-hour rapid charge system-off • 3.5-hour charge-in-use 3-pin 65 W AC adapter
Special keys and controls¹	88-/89-key keyboard with inverted "T" cursor layout, 2.5 mm (minimum) key travel) Touchpad pointing device with 4-way scroll button 12 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad, international language support, independent US dollar and Euro symbol keys Easy-launch button: WLAN

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I/O ports¹	Three USB 2.0 ports External display (VGA) port Headphone/speaker/line-out jack Microphone-in jack Ethernet (RJ-45) port DC-in jack for AC adapter
Software	eMachines GameZone Adobe® Reader® Corel® WinDVD Launch Manager NTI CD/DVD Maker™ Norton Internet Security™ Microsoft® Works 8.5 with Office Home and Student 2007 Trial ^{1, 6}
Optional items	512 MB/1 GB/2 GB DDR2 533 MHz soDIMM module 3-pin 65 W AC adapter External USB floppy disk drive
<p>1. Specifications vary depending on model.</p> <p>2. Shared system memory may be allocated to support integrated graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by the amount of dedicated and shared system memory utilized by the graphics solution and resources required by the operating environment.</p> <p>3. Subject to availability of software driver support.</p> <p>4. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and the operating environment.</p> <p>5. Battery life varies depending on product specifications, computer settings, and applications or features launched, and may be reduced if Windows Aero™ is enabled. All batteries' maximum capacity diminishes with time and use.</p> <p>6. Subject to availability.</p> <p>In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.</p> <p>As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect, and as such is not covered by Acer's warranty.</p> <p>© 2008 Acer Inc. All rights reserved. Acer and eMachines are registered trademarks of Acer Inc. Other trademarks, registered trademarks, and/or service marks,</p>	

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