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Operating system[1]	Genuine Windows® 7 Home Premium 64-bit[2]
	Genuine Windows® 7 Home Basic 64-bit[2]
CPU and chipset[1]	**Intel® Pentium®** processor **T4200/T4300/T4400/T4500** (1 MB L2 cache, 2/2.10/2.20/2.30 GHz, 800 MHz FSB, 35 W), supporting Intel® 64 architecture
	Mobile Intel® GL40 Express Chipset
System memory[1, 3, 4]	Dual-channel DDR3 SDRAM support:
	• Up to 2 GB of DDR3 system memory, upgradable to 4 GB using two soDIMM modules[5]
Display	15.6" HD 1366 x 768 pixel resolution, high-brightness (200-nit), TFT LCD with glare panel
	16:9 aspect ratio
Graphics[1]	Mobile Intel® GL40 Express Chipset with integrated 3D graphics, featuring Intel® Graphics Media Accelerator 4500M (Intel® GMA 4500M) with up to 1759 MB of Intel® Dynamic Video Memory Technology 5.0 (64 MB of dedicated system memory, up to 1695 MB of shared system memory), supporting Microsoft® DirectX® 10
	Dual independent display support
	16.7 million colors
	External resolution / refresh rates[6]:
	• VGA port up to 2560 x 1600: 60 Hz
	MPEG-2/DVD decoding
	WMV9 (VC-1) and H.264 (AVC) decoding
Audio	One built-in mono speaker
	Built-in microphone
	MS-Sound compatible
Storage	Hard disk drive
	• 160/250/320/500/640 GB or larger[1, 7]
Optical media drive	8X DVD-Super Multi double-layer drive:
	• Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 6X DVD-ROM DL, 6X DVD-R DL, 6X DVD+R DL, 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, 4X DVD+R DL, 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM
Webcam	Video conferencing solution, featuring:

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	• Webcam with 1280 x 1024 resolution • Microphone
Wireless and networking	WLAN[1, 8]: • 802.11b/g/n Wi-Fi CERTIFIED™ • 802.11b/g Wi-Fi CERTIFIED™ LAN: 10/100 Mbps Fast Ethernet
Dimensions and weight[1]	372.3 (W) x 246.5 (D) x 26.8/39.6 (H) mm (14.4 x 10.8 x 1.1/1.5 inches) 2.7 kg (6.0 lbs.)[9] with 6-cell battery pack
Power adapter and battery[1]	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes Adapter: 3-pin 65 W AC adapter: • 108 (W) x 46 (D) x 29.5 (H) mm (4.25 x 1.81 x 1.16 inches) • 225 g (0.49 lbs.)[9] with 180 cm DC cable Battery: 48.8 W 4400 mAh 6-cell Li-ion battery pack Battery life: 3.0 hours[10] ENERGY STAR®
Special keys and controls	99-/100-/103-key keyboard with inverted "T" cursor layout Touchpad pointing device 8 function keys, four cursor keys, two Windows® keys, independent numeric keypad, international language support Easy-launch keys: touchpad lock, communication Media control keys (printed on keyboard): play/pause, stop, previous, next
I/O ports	Two 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[11]	**Productivity** • eMachines Power Management • eMachines Recovery Management • Adobe® Flash® Player 10

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	• Adobe® Reader® 9.1
	• Google Toolbar™
	• Microsoft® Office Personal 2007 (Service Pack 2)[1](Japan only, subject to customer request)
	• Microsoft® Office Trial (Service Pack 2)
	• Microsoft® Works SE 9[1] (Brazil, Canada, France, Germany, Poland, Russia, UK and US only)
	• Microsoft® Works 9
	• Microsoft® Works 8.5
	• Norton™ Online Backup
	Security
	• Norton Internet Security™ 2010 Multimedia
	• Corel® WinDVD[1]
	• NTI Media Maker™
	Gaming
	• WildTangent®[1] (except China, Japan, Hong Kong, Korea)
	Communication and ISP
	• Microsoft® Silverlight™
	• Windows Live™ Essentials — Wave 3 (Mail, Photo Gallery, Live™ Messenger, Writer)
	• Skype™
	Web links and utilities
	• eMachines Accessory Store[1] (Belgium, France, Germany, Italy, Netherlands, Spain, Sweden, UK only)
	• eMachines Identity Card
	• eMachines Registration
	• eMachines Updater
	• eBay® shortcut 2009[1] (Canada, France, Germany, Italy, Mexico, Spain , UK, US only)
	• Netflix shortcut1 (US only)
Optional items	1 GB / 2 GB DDR3 soDIMM module
	3-pin 65 W AC adapter
	6-cell Li-ion battery pack
	External USB 56K modem

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Windows®. Life without Walls™. eMachines recommends Windows 7.

1. Specifications vary depending on model.

2. 64-bit software is required to enjoy the advantages of 64-bit processing.

3. Up to 1 GB of available system memory may be allocated for system resource requirements.

4. 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.

5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB memory.

6. Resolution/refresh rates depend on display capability and color/depth settings.

7. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and the operating environment.

8. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.

9. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options

10. Your computer's battery life may vary depending on product specifications, computer settings, and applications or features launched. The listed battery life is for individual battery packs tested with MobileMark 2007 in productivity test mode and with wireless connection on. All batteries' maximum capacity will diminish with time and use.

11. Bundled software may vary depending on hardware configuration, OS, and regional availability.

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.

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 warranty.

About eMachines

eMachines, renowned for offering maximum value and functionality, is part of the Acer family of technology products. Acer Inc. is the world's second-largest PC company. Through collaboration with suppliers, the company strives to design environmentally friendly products and establish a green supply chain. See www.emachines.com for more information.

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