emachines by acer

eMachines E525	Specifications (v7-1-1)
Operating system ¹	Genuine Windows Vista® Home Premium (Service Pack 1)
	Genuine Windows Vista® Home Basic (Service Pack 1)
	Genuine Windows Vista® Starter (Service Pack 1)
Platform ¹	Intel® Celeron® mobile processor T1600 (1 MB L2 cache, 1.66 GHz, 667 MHz FSB, 35 W), 900 (1 MB L2 cache, 2.20 GHz, 800 MHz FSB, 35 W), or 575/585 (1 MB L2 cache, 2/2.16 GHz, 667 MHz FSB, 35 W), supporting Intel® 64 architecture
	Mobile Intel® GL40 Express Chipset
	802.11b/g Wi-Fi CERTIFIED® network connection ²
System memory ^{1,}	Dual-channel DDR2 SDRAM support
3, 4	Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules ⁵
Display	15.6" HD 1366 x 768 pixel resolution, high-brightness (220-nit), TFT LCD
	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 video memory, up to 1695 MB of shared system memory), supporting Microsoft® DirectX® 10
	Dual independent display support
	16.7 million colors
	External resolution/refresh rate:
	• 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

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	MPEG-2/DVD decoding	
	WMV9 (VC-1) and H.264 (AVC) decoding	
Audio	High-definition audio support with two built-in stereo speakers	
	MS-Sound compatible	
Storage	160/250/320/500 GB or larger hard disk drive ^{1, 6}	
	Multi-in-one card reader, supporting Secure Digital [™] (SD), MultiMediaCard (MMC), Memory Stick [™] (MS), Memory Stick PRO [™] (MS PRO), xD-Picture Card [™] (xD)	
Optical media	8X DVD-Super Multi double-layer drive:	
drive	 Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 8X DVD-ROM DL (double-layer), 6X DVD-R DL (double-layer), 6X DVD+R DL (double-layer), 8X DVD-RW, 8X DVD+RW, 5X DVD-RAM 	
	 Write: 24X CD-R, 24X CD-RW, 8X DVD-R, 8X DVD+R, 6X DVD-R DL (double-layer), 6X DVD+R DL (double-layer), 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM 	
Communication	Integrated low-light-enhanced video webcam, supporting 310K pixel resolution (640 x 480 @ 30 fps)	
	WLAN ² : 802.11b/g Wi-Fi CERTIFIED® network connection	
	LAN: 10/100 Mbps Fast Ethernet, Wake-on-LAN ready	
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.) with 6-cell battery pack	
Power	Product Safety Electric Appliance and Materials (PSE) certified for battery pack	
	48.8 W 4400 mAh 6-cell Li-ion battery pack:	
	 3-hour battery life⁷ 	
	2.5-hour rapid charge system-off, 3.5-hour charge-in-use	
	3-pin 65 W AC adapter	
	ENERGY STAR [®] 5.0	
Keyboard	99-/100-/103-key full-size keyboard	
Special controls	Touchpad pointing device	
	Easy-launch keys: touchpad lock, WLAN	
	Eight function keys, four cursor keys, two Windows® keys, independent numeric keypad, international language support	
	Media control keys (printed on keyboard): play/pause, stop, previous, next	
I/O ports	Two USB 2.0 ports	

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	External display (VGA) port	
	Headphone/speaker/line-out jack	
	Microphone-in jack	
	Ethernet (RJ-45) port	
	5-in-1 card reader (SD [™] , MMC, MS, MS PRO, xD)	
	DC-in jack for AC adapter	
Software ⁸	Productivity:	
	 Microsoft[®] Works 8.5 / 9 / SE 9 with Office Home and Student 2007 Trial 	
	Adobe [®] Reader [®]	
	Security:	
	 Norton Internet Security[™] 2009 (60-day trial) 	
	Multimedia and entertainment:	
	Corel [®] WinDVD	
	NTI Media Maker [™]	
Optional items	1 GB / 2 GB DDR2 667 MHz soDIMM module	
	3-pin 65 W AC adapter	
	External USB 56K modem	

eMachines recommends Windows Vista® Home Premium.

- 1. Specifications vary depending on model.
- 2. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
- 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. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and the operating environment.
- 7. 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.
- 8. 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

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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.

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