

eMD642 Specifications (v0-0-1)	
Operating system¹	Genuine Windows [®] 7 Linux
CPU and chipset¹	AMD Phenom™ II quad-core mobile processor N930 / N950 AMD Phenom™ II triple-core mobile processor N830 / N850 AMD Turion™ II dual-core mobile processor P540 AMD Athlon™ II dual-core processor P320 / P340/N350/N370 AMD Turion(tm) II N550 Dual-Core Processor AMD M880G Chipset
Memory	DDR3 SDRAM support: <ul style="list-style-type: none"> Up to 2 GB of DDR3 system memory,
Display	14" HD 1366 x 768 pixel resolution, Mercury free, environment friendly 16:9 aspect ratio
Graphics¹	Integrated ATI Radeon™ HD 4250 Graphics with 128 MB of dedicated system memory, Supporting Microsoft [®] DirectX [®] 10 16.7 million colors
Audio	Built-in stereo speaker Built-in microphone
Storage	Hard disk drive <ul style="list-style-type: none"> 250/320/500/640/750 GB or larger^{1, 8}
Optical media drive	8X DVD Read Write
Webcam	0.3 Megapixel Camera Video conferencing solution, ¹ featuring:
Wireless and networking	WLAN <ul style="list-style-type: none"> 802.11 b/g/n Wi-Fi LAN: 10/100 Mbps Fast Ethernet
Dimensions and weight¹	342 (W) x 249 (D) x 28.5/33.5 (H) mm (13.68 x 9.96 x 1.14/1.34 inches) 2.2 kg (4.86 lbs.) ¹⁰ with 6-cell battery pack

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Power adapter and battery¹	<p>ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes</p> <p>Power adapter</p> <p>2-pin 40 W [eMachines] MiniGO AC adapter:</p> <ul style="list-style-type: none"> • 93.2 (W) x 48 (D) x 32.2 (H) mm (3.66 x 1.88 x 1.26 inches) • 180 g (0.39 lbs.)² with 250 cm DC cable • 205 g (0.39 lbs.)² with 250 cm DC cable and one AC power plug <p>Battery</p> <p>48 WHr 4400 mAh 6-cell Li-ion standard battery pack</p> <p>Battery life: 3.5 hours¹¹</p> <p>ENERGY STAR[®]</p>
Input and control	<p>Keyboard</p> <p>86-/87-/91-key eMachines FineTip keyboard with international language support</p> <p>Touchpad</p> <p>Touchpad, supporting</p> <p>Media keys</p> <p>Media control keys (printed on keyboard): play/pause, stop, previous, next, volume up, volume down</p>
Input and output	<p>Three USB 2.0 ports</p> <p>External display (VGA) port</p> <p>Headphone/speaker/line-out jack</p> <p>Microphone-in jack</p> <p>Ethernet (RJ-45) port</p> <p>DC-in jack for AC adapter</p>
Options and accessories	<p>1 GB / 2 GB DDR3 soDIMM module</p> <p>2-pin 40 W AC adapter</p> <p>4400 mAh 6-cell Li-ion battery pack</p>
<p>Windows[®]. Life without Walls[™]. eMachines recommends Windows 7.</p> <ol style="list-style-type: none"> 1. Specifications vary depending on model. 2. 64-bit software is required to enjoy the advantages of 64-bit processing. 3. Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment. 4. This system is bundled with DDR3 1066 MHz memory; however, memory 	

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- speed may vary depending on CPU/chipset support.
5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
 6. 32-bit operating systems are limited to using 3 GB of the available memory.
 7. Resolution/refresh rates depend on display capability and color/depth settings.
 8. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and the operating environment. eMachines Recovery Management utilizes up to 10 GB of the stated hard disk capacity as dedicated backup space.
 9. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
 10. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
 11. The listed battery life is based on MobileMark 2007[®] productivity mode testing with wireless on. Details of MobileMark2007[®] testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, applications, power management settings, operating conditions, and utilized features. A battery's maximum capacity decreases with time and use.
 12. Bundled software may vary depending on hardware configuration, OS, and regional availability.
 13. Purchase an Office 2010 product key to activate one of the following Office 2010 suites preloaded on this PC: Office Home and Student 2010, Office Home and Business 2010, Office Professional 2010.
 14. Includes Microsoft[®] Office 2010 preloaded. Purchase a product key to activate a full Microsoft[®] Office 2010 suite. This PC is preloaded with reduced-functionality versions of Word and Excel that include advertising. PowerPoint, Outlook and Publisher are not included.

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 eMachines' warranty.

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