

E442 Specifications (v3-1-1)	
Operating system ¹	Genuine Windows [®] 7 Home Premium 64-bit ² Genuine Windows [®] 7 Home Basic 64-bit ²
CPU and chipset ¹	AMD V Series processor V140 (512 KB L2 cache, 2.30 GHz, DDR3 1066 MHz, 25 W) AMD M880G Chipset
System memory ^{1, 3, 4}	Dual-channel DDR3 SDRAM support: <ul style="list-style-type: none"> Up to 4 GB of DDR3 system memory, upgradable to 8 GB using two soDIMM modules⁵
Display	15.6" HD 1366 x 768 (WXGA) pixel resolution, high-brightness (220-nit) TFT LCD with glare panel Mercury-free, environment friendly 16:9 aspect ratio
Graphics ¹	ATI Radeon [™] HD 4250 Graphics with 256 MB of dedicated system memory, supporting Unified Video Decoder 2 (UVD2), OpenGL [®] 2.0, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.1, Microsoft [®] DirectX [®] 10.1 Dual independent display support 16.7 million colors External resolution / refresh rate: ⁶ <ul style="list-style-type: none"> VGA port up to 2456 x 1536: 60 Hz HDMI[™] port up to 1920 x 1080: 60 Hz MPEG-2/DVD decoding WMV9 (VC-1) and H.264 (AVC) decoding HDMI [™] (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support
Audio	High-definition audio support with a built-in speaker MS-Sound compatible
Storage	Hard disk drive: 160/250/320/500/640 GB or larger ^{1, 7} 2-in-1 card reader, supporting: Secure Digital [™] (SD), MultiMediaCard [™] (MMC)
Optical media drive	8X DVD-Super Multi double-layer drive: <ul style="list-style-type: none"> Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X

E442 Specifications (v3-1-1)	
	<p>DVD-ROM, 8X DVD-R, 8X DVD+R, 8X DVD-ROM DL, 6X DVD-R DL, 6X DVD+R DL, 8X DVD-RW, 8X DVD+RW, 5X DVD-RAM</p> <ul style="list-style-type: none"> • Write: 24X CD-R, 24X CD-RW, 8X DVD-R, 8X DVD+R, 6X DVD-R DL, 6X DVD+R DL, 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM
Webcam	<p>Video conferencing solution,¹ featuring:</p> <ul style="list-style-type: none"> • Webcam with 1280 x 1024 resolution
Wireless and networking	<p>WLAN:^{1, 8}</p> <ul style="list-style-type: none"> • 802.11b/g/n Wi-Fi CERTIFIED™ • 802.11b/g Wi-Fi CERTIFIED™ <p>WPAN:¹</p> <ul style="list-style-type: none"> • Bluetooth® 2.1+EDR • Bluetooth® 3.0+HS <p>LAN: Gigabit Ethernet, Wake-on-LAN ready</p>
Dimensions and weight¹	<p>Dimensions</p> <p>381 (W) x 253 (D) x 25/30 (H) mm (14.96 x 9.9 x 0.98/1.18 inches)</p> <p>Weight</p> <p>2.6 kg (6.37 lbs.)⁹ with 6-cell battery pack</p>
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>3-pin 65 W AC adapter:</p> <ul style="list-style-type: none"> • 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 <p>Battery</p> <p>6-cell 2.2Ah 48Wh 4400 mAh 11.1V 6-cell Li-ion standard battery pack</p> <p>Battery life: 3.7 hours¹⁰</p> <p>4-cell 2.8Ah 42Wh 2800mAh 14.8V 4-cell Li-ion battery pack</p> <p>Battery life: 2.5 hours¹⁰</p> <p>ENERGY STAR®</p>
Input and control	<p>Keyboard</p> <p>103-/104-/107-key eMachines FineTip keyboard with independent standard numeric keypad, international language support</p> <p>Touchpad</p>

E442 Specifications (v3-1-1)	
	<p>Multi-gesture touchpad, supporting two-finger scroll, pinch, rotate, flip</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>2-in-1 card reader (SD™, MMC)</p> <p>Three USB 2.0 ports</p> <p>HDMI™ port with HDCP support</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>
Software¹¹	<p>Productivity</p> <ul style="list-style-type: none"> • eMachines Power Management • eMachines Recovery Management • Adobe® Flash® Player 10 • Adobe® Reader® 9.1 • Google Toolbar™ • Microsoft® Office 2010 preloaded; purchase a product key to activate • Microsoft® Office Starter 2010 (includes reduced-functionality versions of Microsoft® Word Starter 2010 and Microsoft® Excel® Starter 2010 with advertising) • Norton™ Online Backup <p>Security</p> <ul style="list-style-type: none"> • Norton Internet Security™ 2011 <p>Multimedia</p> <ul style="list-style-type: none"> • Corel® WinDVD¹ (for models with Windows® 7 Starter and Basic) • NTI Media Maker™ <p>Gaming</p> <ul style="list-style-type: none"> • WildTangent®¹ (except China, Japan, Hong Kong, Korea) <p>Communication and ISP</p> <ul style="list-style-type: none"> • Microsoft® Silverlight™

E442 Specifications (v3-1-1)

	<ul style="list-style-type: none">• Skype™• Windows Live™ Essentials — Wave 3 (Mail, Photo Gallery, Live™ Messenger, Writer) <p>Web links and utilities</p> <ul style="list-style-type: none">• eMachines Identity Card• eMachines Registration• eMachines Updater
Optional items	1/2/4 GB DDR3 1066 MHz soDIMM module 3-pin 65 W AC adapter 4400 mAh 6-cell Li-ion battery pack

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. This system is bundled with DDR3 1066 MHz memory; however, memory speed may vary depending on CPU/chipset support.
4. 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.
5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher 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. eMachines Recovery Management utilizes up to 10 GB of the stated hard disk capacity as dedicated backup space.
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. 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..
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

E442 Specifications (v3-1-1)

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.

© 2010. All rights reserved.

Microsoft and Windows are registered trademarks of Microsoft Corporation.

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.

