

E630 Specifications (v3-1-1)	
Operating system¹	Genuine Windows® 7 Home Premium 64-bit ² Genuine Windows® 7 Home Basic 64-bit ²
CPU/chipset¹	AMD Turion™ II dual-core mobile processor M500/M520 (1 MB L2 cache, 2.20/2.30 GHz, DDR2 800 MHz, 35 W) AMD Athlon™ 64 II dual-core processor M300/M320 (1 MB L2 cache, 2/2.10 GHz, DDR2 800 MHz, 35 W) AMD M880G Chipset
System memory^{1, 3, 4}	Dual-channel DDR2 SDRAM support: <ul style="list-style-type: none"> Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules⁵
Display	15.6" HD 1366 x 768 pixel resolution, high-brightness (220-nit), TFT LCD 16:9 aspect ratio
Graphics¹	ATI Radeon™ HD 4200 Graphics with up to 1919 ⁶ MB of HyperMemory™ (256 MB of dedicated system memory, up to 1663 MB of shared system memory), supporting Unified Video Decoder 2 (UVD2), OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.0, Microsoft® DirectX® 10.1
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, 7} Multi-in-1 card reader, supporting Secure Digital™ (SD), MultiMediaCard (MMC), Memory Stick™ (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)
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 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 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
Communication	Webcam with 640 x 480 resolution WLAN ⁸ : 802.11b/g Wi-Fi CERTIFIED™ LAN: 10/100 Mbps Fast Ethernet, Wake-on-LAN ready
Dimensions and weight¹	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

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	for battery pack 48.8 W 4400 mAh 6-cell Li-ion battery pack: <ul style="list-style-type: none"> • 2.5-hour battery life⁹ 2.5-hour rapid charge system-off, 3.5-hour charge-in-use 3-pin 65 W AC adapter ENERGY STAR®
Keyboard	99-/100-/103-key full-size keyboard
Special keys and controls¹	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	Multi-in-1 card reader (SD™, MMC, MS, MS PRO, xD) 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
Software¹⁰	Productivity: <ul style="list-style-type: none"> • eMachines Recovery Management • Adobe® Reader® • Microsoft® Works 8.5 / 9 / SE 9 with Office Home and Student 2007 Trial Security: <ul style="list-style-type: none"> • Norton Internet Security™ 2009 Trial (60 days) Multimedia and entertainment: <ul style="list-style-type: none"> • 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

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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. For systems with 4 GB of system memory. The total graphics memory visible to the OS is less than the actual size allocated from the physical memory installed and varies depending on the configuration under a 32-bit OS.
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. 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.
10. 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.

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