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## [AMD Turion64 X2 Notebook from MSI](#)

*"Made especially for business professionals"*

Two new models of 15.4" notebook computers were introduced by MSI, featuring the AMD Turion64 X2 architecture, the M670 and M677. The Turion64 X2 is AMD's latest generation of highly efficient 64-bit dual core platform, which fully supports all 64-bit software applications available, including Vista. Users no longer need to worry about incompatibility between hardware and software, said the company. The M67x use the highest performance AMD Turion64 X2 processor and DDR 2 memory chips (expandable up to 2 GB), and they are also equipped with 5400 RPM high-speed hard disk to minimize data storage and access time, said MSI, but let's face it, 5400 RPM it's not that high. "MXM" is the abbreviation of Mobile PCI Express Module. MXM's size 73 mm x 78 mm has been especially designed for mainstream notebook. Thank to the module design of the MXM, users can upgrade their MXM module for better performance. The upgrade is so easy just like plugging or unplugging a video card. This will only be available with NV solution - The M677 is available in two kind of video specifications, NVIDIA GeForce™ Go 7600 and ATI Mobile X1600, depending on its shipping area. Both specifications provide 256 MB of video memory, giving best performance for resource-hogging applications such as 3D games, video editing, engineering drawing, and business designing. The extreme power of the M677 will bring you the best performance you have ever experienced. It has 15.4" Super Glare Type wide screen display that has high brightness and precision mirror-finished material and gives you most detail of image, resulting high saturation and high definition image quality as well as luxurious visual sensation. The 16:10 aspect ratio is best for movie and picture playing, allowing opening windows alongside or in cascade to save you from frequently switching between windows or sliding. The design is made for Energy Efficiency and Quiet Operation. MSI's exclusive ACS (Advanced Cooling System) is a revolutionary heat dissipation technology. It enhances dissipation of heat inside the chassis by physically exchanging heat. When further coupled with ventilation holes and heat exchange conduction medium, ACS is capable of maintaining low operating temperature for extended operation. This way there is little need for the cooling fan to kick on, significantly reducing noise and conserving power at the same time. This is a desired feature for quiet user environment, such as when working late in the office, or when watching a DVD movie. The users will be better able to experience the "ultra silent" operation of MSI notebook computers, added the manufacturer. "The exclusive ACS heat dissipation technology is better than any of our competitors equivalent. When working in conjunction with a large capacity 9-cell, long-lasting battery pack, the M677 can operate up to 4 hours long. You no longer have to carry another bulky battery or even a power cord with you when traveling away from the office, giving you less and making your trip a more enjoyable one", said an MSI representant. DualView and Dual-Screen Functionality are also available. The M677 provides the DualView dual screen function. DualView supports video output to both the LCD screen and another externally connected display device such as projector or monitor. Two display equipments mean their refresh rates, resolution, and color quality can be adjusted separately and independently, while running separate software applications. Furthermore, the M677 provides dual 802.11 b / g wireless networking standards and also offers Bluetooth wireless transmission capability. Other mobile devices such as handset, PDA, earphones, GPS can all now get plugged into you computer wirelessly without the clutter of cables. Another addition some might find useful is the independent keyboard, as notebook computers frequently have to make design compromises so as to maintain a more compact size. One such example is the numeric key pad, which is available on desktop

computer keyboards but missing from notebook. The M677 has an independent numeric key pad to the right of the keyboard. Using this key pad is intuitive and requires no extra learning process on the part of the user. The much smaller 15.4" screen M677 with its independent numeric key pad is a true rarity among all notebook computers.