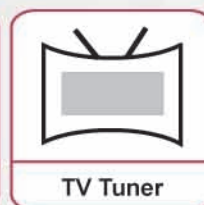


M590K

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# M590K Specification



Model	M590K
CPU	<ul style="list-style-type: none"> <li>. AMD Mobile Turion™ 64(35W) ML-30/ML-34/ML-37/ML-40/ML-44 (1.60~2.4GHz, 1MB L2 cache, uPGA 754)</li> <li>. AMD Mobile Turion™ 64(35W) ML-28/ML-32/ML-42 (1.60~2.4GHz, 512KB L2 cache, uPGA 754)</li> <li>. AMD Mobile Turion™ 64(25W) MT-30/MT-34/MT-37/MT-40 (1.60~2.2GHz, 1MB L2 cache, uPGA 754)</li> <li>. AMD Mobile Turion™ 64(25W) MT-28/MT-32 (1.60~1.8GHz, 512KB L2 cache, uPGA 754)</li> </ul>
Core Logic	. nVIDIA nForce4 SLI (CK804)
Display	. 19" WSXGA+ (1680 x 1050) TFT
Memory	<ul style="list-style-type: none"> <li>. Two 64-bit wide DDR data channels</li> <li>. Two 200-pin SODIMM sockets, supporting DDR 333/400</li> <li>. Expandable Memory up to 2GB, based on 256/512/1024MB SODIMM Module</li> </ul>
Video Controller	<ul style="list-style-type: none"> <li>. Dual nVIDIA GeForce™ Go 7800 GTX High performance graphic chip (nVIDIA SLI Technology)</li> <li>. 512MB DDRIII Video RAM on board for Dual VGA</li> <li>. 256MB DDRIII Video RAM on board for Single VGA</li> <li>. 256-bit video memroy interface</li> <li>. PCI-Express x16</li> <li>. Fully DirectX® 9.0 support</li> <li>. Modular Design</li> </ul>
Storage	<ul style="list-style-type: none"> <li>. One changeable 2.5" HDD 9.5mm(H)</li> <li>. Serial ATA II HDD support</li> <li>. One changeable 12.7mm(H) DVD-ROM / Combo / DVD-Dual / DVD-Dual (super multi) Drive</li> </ul>
Keyboard	<ul style="list-style-type: none"> <li>. Full size keyboard, with Numeric Pad, Multi-Language support</li> <li>. Built-in Touchpad with scrolling function</li> </ul>
Sound System	<ul style="list-style-type: none"> <li>. AC'97 2.2 Compliant Interface</li> <li>. 3D stereo enhanced sound system</li> <li>. Sound-Blaster PRO™ compatible</li> <li>. S/PDIF Digital output</li> <li>. SRS (Sound Retrieval System®) / WOW 3D sound technology</li> <li>. 1x Built-in Microphone</li> <li>. 4x Built-in Speakers</li> <li>. 1x Built-in Sub woofer</li> </ul>
I/O Ports	<ul style="list-style-type: none"> <li>. 5x USB 2.0 ports</li> <li>. 1x Mini IEEE1394a ports</li> <li>. 1x Serial port</li> <li>. 1x DVI port</li> <li>. 1x Headphone jack</li> <li>. 1x Microphone jack</li> <li>. 1x S/PDIF output jack</li> <li>. 1x Line-in jack for Audio input</li> <li>. 1x RJ-45 port for LAN</li> <li>. 1x RJ-11 port for Modem</li> <li>. 1x DC-In jack</li> <li>. 1x CATV input jack (optional function with TV-Tuner module)</li> <li>. 1x S-Video jack for Video input (optional function with TV-Tuner module)</li> <li>. 1x S-Video jack for TV output (HDTV support)</li> </ul>
Card Reader	. Built-in 4-in-1 Card Reader (MS/MS Pro/SD/MMC)
PCMCIA	. 1x Type II PCMCIA socket
Communication	<ul style="list-style-type: none"> <li>. Infrared Transfer : 115.2Kbps SIR/4Mbps FIR, IrDA 1.1 compliant</li> <li>. 10/100/1000BASE-T Fast Ethernet onboard</li> <li>. Integrated V.90/56K Modem (V.92 compliant)</li> <li>. 802.11a/b/g MiniPCI Wireless LAN Module</li> <li>. Bluetooth™ Class II V1.2 Module, USB Interface</li> <li>. (Factory option) 1.3M-pixel Video Camera module</li> </ul>
Power	<ul style="list-style-type: none"> <li>. Full Range 220W AC adapter - AC input 100~240V, 47~63Hz, DC output 20V, 11A</li> <li>. Changeable 12-cell Smart Li-Ion battery pack, 6600mAh</li> </ul>
Security	. Kensington® Lock
Dimension	<ul style="list-style-type: none"> <li>. 476(W) x 343(D) x 29.5min.~47.8max.(H)mm, 18.7"(W) x 13.5"(D) x 1.2"min.~1.9"max.(H)</li> <li>. 6.6Kg with 12 cells Lithium-ion battery</li> </ul>
Options	<ul style="list-style-type: none"> <li>. One changeable 12.7mm(H) DVD-ROM / Combo / DVD-Dual / DVD-Dual (super multi) Drive</li> <li>. TV Tuner module, MiniPCI interface</li> <li>. (Factory option) 1.3M-pixel Video Camera module</li> </ul>

\*\* Battery Life may vary depending on applications and configuration.  
 The specifications in gray are not available yet.  
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