

## M5A78L-M/USB3

<b>CPU</b>	AMD® Socket AM3+ for FX™ /Phenom™II /Athlon™II /Sempron™ 100 Series Processors
	Support Cool 'n' Quiet™ Technology
	Support CPU up to 140W
	*Refer to www.asus.com for the AMD CPU support list
<b>Chipset</b>	AMD 760G(780L) / SB710
<b>System Bus</b>	Up to 5200 MT/s HyperTransport™ 3.0
<b>Memory</b>	4 x DIMM, max. 16GB, DDR3 2000(O.C.)/1866(O.C.)/1800(O.C.)/1600(O.C.) / 1333 / 1066 MHz, ECC and non-ECC, un-buffered
	Dual Channel memory architecture
	*Due to OS limitation, when installing total memory of 4GB capacity or more, Windows® 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.
	**AMD FX Series CPU on this motherboard supports up to DDR3 1866MHz as its standard memory frequency.
	***AMD AM3 100 and 200 series CPU support up to DDR3 1066MHz.
**** Refer to www.asus.com or user manual for Memory QVL (Qualify Vendor List)	
<b>Graphics</b>	Integrated ATI Radeon 3000
	Maximum shared memory of <b>1 G</b>
	Supports HDMI™ Technology with max. resolution up to 1920*1200 (1080P) (@60Hz)
	Supports DVI-D with HDCP compliant with max. resolution 2560*1600(@60HZ )
	Supports RGB with max. resolution 2560 X 1440 @ 75 HZ
Hybrid CrossFireX™ Support	
*Refer to www.amd.com for the Hybrid CrossFireX selected GPUs.	
<b>Expansion Slots</b>	1 x PCIe x16
	1 x PCIe x1
	2x PCI
<b>Storage</b>	6x Serial ATA 3Gb/s supporting RAID 0, RAID 1,RAID 10 and JBOD
<b>LAN</b>	Realtek® 8111E PCIe Gb LAN
<b>Audio</b>	VIA® VT1708S 8-CH AUDIO CODEC
<b>USB</b>	10 USB2.0/1.1 ports (6 ports at mid-board, 4 ports at back panel)
	2 x USB 3.0 ports at back panel(blue)
<b>ASUS Unique Features</b>	ASUS MyLogo 2
	ASUS EZ Flash 2
	ASUS CrashFree BIOS 3
	ASUS C.P.R.(CPU Parameter Recall)
	ASUS Q-Fan
	ASUS Anti-Surge
	ASUS EPU
	ASUS AI charger
	Turbo Key
Core Unlocker	
<b>Back Panel I/O Ports</b>	1 x PS/2 Keyboard/Mouse combo port
	1 x HDMI
	1 x D-Sub
	1 x DVI
	1 x Optical S/PDIF out port
	1 x LAN(RJ45) port
	2 x USB 3.0
	4 x USB 2.0/1.1
6 x Audio Jacks	
<b>Internal I/O Connectors</b>	3 x USB connectors support additional 6 USB 2.0 ports
	6 x SATA connectors
	1 x High Definition front panel audio connector
	1 x Printer Port
	1 x COM connector
	1 x S/PDIF Out connector
	1 x System Panel connector
	1 x CPU Fan connector
	1 x chassis Fan connector
	24-pin EATX power connector
	4-pin ATX 12V Power connector
<b>BIOS</b>	16 Mb Flash ROM, AMI BIOS, PnP, DMI v2.0, WfM2.0, SM BIOS V2.5, ACPI V2.0a
<b>Accessories</b>	2 x Serial ATA cables
	I/O Shield
	User's manual
	1 x Support DVD
<b>Support DVD</b>	Drivers
	ASUS PC Probe II
	ASUS Update
	Anti-virus software (OEM version)
<b>Form Factor</b>	mATX Form Factor,9.6"x 9.6" (24.4cm x 24.4cm)