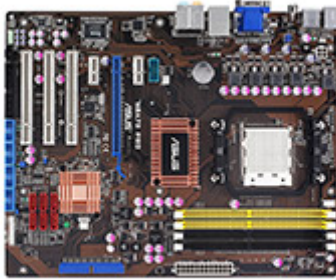




## M3A78 PRO



- AMD AM2+/AM2 Platform
- Support latest AMD Phenom™ Quad-Core Processor
- Dual-Channel DDR2 -1066/800/667
- Instant Internet Access with ASUS Express Gate
- AMD Hybrid CrossFireX™ and DX10 Support
- User Friendly Q-Shield Design
- 4+1 Phase Power Design



Print

### Specification

CPU	AMD Socket AM2+ / AM2 Processors AMD Phenom™ FX / Phenom / Athlon™ / Sempron™ AMD Cool'n'Quiet™ Technology Support CPU up to 140W
Chipset	AMD 780G/SB700
System Bus	Up to 5200/MT/s ; HyperTransport™ 3.0 interface for AM2+ CPU 2000 / 1600 MT/s for AM2 CPU
Memory	4 x DIMM, Max. 8 GB, DDR2 1066/800/667 ECC,Non-ECC,Un-buffered Memory Dual Channel memory architecture *Due to AMD CPU limitation, DDR2 1066 is supported by AM2+ CPU for one DIMM per channel only. **Please refer to <a href="http://www.asus.com">www.asus.com</a> or user manual for Memory QVL(Quality Vender List). ***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.
Expansion Slots	1 x PCIe x16 (Support PCIe 2.0 / 1.0 Architecture ) 2 x PCIe x1 3 x PCI 2.2
CrossFire	Hybrid CrossFireX™ Support (For Windows Vista only)
VGA	Integrated ATI Radeon™ HD 3200 GPU Supports HDMI™ Technology with max. resolution up to 1920 x 1200 (1080P) Supports DVI with max. resolution up to 1600x1200 @60Hz Supports D-Sub with max. resolution up to 2560x1440 @ 75Hz Hybrid CrossFireX™ Support (For Windows Vista only) HDMI/DVI/RGB Support Supports Microsoft® DirectX 10, OpenGL 2.0, Pixel Shader 4.0 Maximum shared memory of 256MB
Storage	<b>Southbridge</b> 1 xUltraDMA 133/100 6 xSATA 3 Gb/s ports Support RAID 0,1,10
LAN	Gigabit LAN
Audio	Realtek® ALC1200 8 -Channel High Definition Audio CODEC -Coaxial S/PDIF out port at back I/O
USB	12 USB 2.0 ports

ASUS AI Lifestyle Features	<b>ASUS Express Gate</b> - Web browser, file downloading and uploading* - Further free features upgradable * File downloading and uploading through USB devices only <b>ASUS Quiet Thermal Solution</b> - ASUS AI Gear 2 - ASUS AI Nap - ASUS Q-Fan 2 - 4+1 Phases ASUS Power Design <b>ASUS Crystal Sound</b> - ASUS Noise Filter <b>ASUS EZ DIY</b> - ASUS Q-Connector - ASUS Q-Shield - ASUS O.C. Profile - ASUS EZ Flash 2
Overclocking Features	<b>Intelligent overclocking tools</b> - AI Overclocking (intelligent CPU frequency tuner) - ASUS AI Booster Utility <b>Precision Tweaker</b> - vDIMM: 8 -step DRAM voltage control - vCore: Adjustable CPU voltage at 0.0125V increment - vChipset 4-step Chipset voltage control <b>SFS (Stepless Frequency Selection)</b> - FSB tuning from 200MHz to 600MHz at 1MHz increment - Memory tuning from 533MHz up to 1066MHz - PCI Express frequency tuning from 100MHz up to 1066MHz at 1MHz increment <b>Overclocking Protection</b> - ASUS C.P.R.(CPU Parameter Recall)
Special Features	ASUS MyLogo 2 Uses 100% All High-quality Conductive Polymer Capacitors!
Back Panel I/O Ports	1 x D-Sub 1 x PS/2 Keyboard 1 x HDMI 1 x PS/2 Mouse 1 x S/PDIF Out (Coaxial) 1 x LAN(RJ45) port 4 x USB 2.0/1.1 8 -Channel Audio I/O
Internal I/O Connectors	4 x USB connectors supports additional 8 USB 2.0 ports 1 x Floppy disk drive connector 1 x IDE connector 6 x SATA connectors 1 x CPU Fan connector 1 x Chassis Fan connector 1 x Power Fan connector 1 x 4-pin ATX 12V Power connector 1 x S/PDIF Out connector 24-pin ATX Power connector Front panel audio connector COM connector Chassis Intrusion connector CD/AUX audio in System Panel
BIOS	8 Mb Flash ROM DMI 2.0 AMI BIOS PnP WfM 2.0 SM BIOS 2.3 ACPI 2.0a ASUS EZ Flash 2
Accessories	UltraDMA 133/100/66 cable FDD cable SATA cables SATA power cables Q-Shield 1 x HDMI to DVI Convertor User's manual

	2 in 1 Q-connector
Support Disc	Drivers Express Gate ASUS PC Probe II ASUS Update AMD AOD Anti-virus software (OEM version)
Form Factor	ATX Form Factor 12 inch x 9.6 inch ( 30.5 cm x 24.4 cm )

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

- All specifications are subject to change without notice. Please check with your supplier for exact offers.
- Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.