

abit Engineered™

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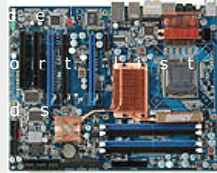
MOTHERBOARD

LGA775

Browse by processor

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IX38 QuadGT



- Supports
 - LGA 775
 - 45 nm CPU ready
 - Intel® X38 Express
 - FSB 1600
 - Dual DDR2 1066/800
 - PCI-E X16
 - SATA 3G RAID
 - PCI-E GbE
 - IEEE1394
 - 7.1 CHHD Audio
 - SilentOTES™
 - µGuru™ Tech
 - RoHS Compliance

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Product Image



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Specifications

Solid State Capacitors

-For Best Stability



These advanced capacitors consist of conductive polymer and therefore offer a vast range of advantages such as higher temperature tolerance, higher ripple current and improved frequency characteristics over conventional electrolytic capacitors.

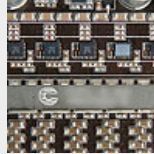
- 100% Solid State Capacitors
- Best CPU and Memory Performance and Overclockability



New Generation Digital PWM

- cool and stable for a longer life

With the new Smart-Slave technology the power switch frequency can effectively be quadrupled over conventional PWMs. Digital PWMs offer most precise and consistent voltage supply for reduced power consumption, less heat and increased components' life. Next Generation Digital PWMs provide highest accuracy for the best computing experience ever, noise interferences are avoided and energy efficiency is highly increased by realizing ideal resistance ratings (low RDS) during charge-discharge power switching.



Onboard On/Off & Reset Buttons

- installation and testing is a snap

The onboard on/off and reset switches allow for testing your system before you have integrated it into your case.



External CCMOS Button

- get back on track with ease

Clear the CMOS memory directly from the back panel, using abit's innovative new EZ switch. So if you are pushing your hardware to the extreme and experiment with risky settings, you now have an easy and convenient way to go back to save grounds.



[SPEC.PDF](#)



Extendor Silent Dual Pipe Cooling



The copper based dual-heatpipe heat sink with extra slim fins and an additional cooling **Extendor** maximizes heat dissipation by linking the North Bridge high-fin heat-sink via a heatpipe to an extra high-fin heat-sink.

The Digital PWM silent cooling heat sink consists of extra slim and extra high fins thereby effectively increasing cooling. In addition this special design utilizes the airflow of the CPU cooler to blow heat out of your case through the back panel. You also have the option to mount an extra active fan on top of the heat sink.

2 x eSATA

- Fast & flexible



eSATA is a new standard for external storage devices. With an external data transfer rate of up to 3 Gb/s no other external data transfer solution can compete with speed and ease of use.

PCI-E 2.0 with CrossFire™



- New Generation PCI-E 2.0 X16 slot
- 2 x PCI-E X16 for the latest dual graphics technologies.
- CrossFire™, providing the ultimate visual experience.
- 1 x additional PCI-E X16 slot (X4 bandwidth)

⚡ CPU

- Supports Intel® Core™ 2 Duo / Quad processors with 1600/1333/1066/800MHz FSB
- Supports Intel® Core™ 2 Extreme/Quad/Duo & Pentium® Extreme Edition, Pentium® D, Pentium® 4 Processors, Pentium® Dual Core
- Digital PWM Designation provide high quality and efficient power

⚡ Chipset

- Intel® X38 Express / ICH9R Chipset

⚡ Memory

- 4 X 240-pin DIMM sockets support max. memory capacity 8GB
- Supports Dual channel DDR2 1066/800/667 Un-buffered Non-ECC memory

⚡ LAN

- On board PCI Gigabit LAN controller supports 10/100/1000M Ethernet

⚡ Audio

- On board 7.1 CH HD Audio CODEC
- Supports auto jack sensing and optical S/PDIF In/Out
- HDMI audio ready header (S/PDIF header)

⚡ Expansion Slots

- 2 x PCI-E X16 (support PCI Express 2.0), 1 x PCI-E X16 (x4 bandwidth), 1 x PCI-E X1, 2 x PCI

⚡ Internal I/O

- 1 x Floppy Port supports up to 2.88 MB
- 1 x ATA 133/100/66 IDE connector
- 6 x SATA 3Gb/s connectors
- 1 x IEEE1394, 4 x USB header (support 8 ports)
- 1 x FP-Audio

⚡ Back Panel I/O

- 1 x PS/2 Keyboard, 1 x PS/2 Mouse
- **abit Silent OTES™**
- 1 x S/PDIF In, 1 x S/PDIF Out
- 2 x eSATA
- 7.1 CH Audio connector (Front, Line-in, MIC-in, Center/Subwoofer, Surround, Rear Surround)
- 1 x 1394, 4 x USB 2.0, 1 x RJ-45 LAN connector,
- Clear CMOS Button

⚡ Serial ATA

- 6 x SATA 3Gb/s offer by Intel® ICH9R support Intel® Matrix Storage Tech(AHCI & RAID0/1/5/10)
- 2 x eSATA 3Gb/s through JMicron® JMB363 support 0,1 JBOD RAID

⚡ IEEE 1394

- Supports 2 Ports IEEE 1394 at 400Mb/s transfer rate.

⚡ Form Factor

- ATX form factor 305 x 245mm
- PCB Color: Blue

⚡ RoHS

- 100% lead-free process and RoHS compliant

⚡ abit Engineered

- **abit µGuru™** Technology
- **abit Silent OTES™** Technology
- 100% Low ESR and high ripple conductive polymer aluminum solid state capacitors
- New Generation digital PWM
- EZ for CMOS
- On board LED Lighting
- Quick Power On/Off & Reset buttons
- right angle SATA connectors

abit Engineered



⚡ abit µGuru

With **abit's** unique **µGuru** technology now even the most novice users can fully monitor and control their system including voltages, fans and temperatures; it's all just a click away. The more advanced you become, the more you will appreciate the multitude of fine tuning features **abit's** **µGuru** technology holds for you.



OC Guru - AutoDrive™

By enabling AutoDrive, you can automatically apply different overclocking settings for different applications.

Hardware Monitoring

Monitor temperatures, voltages and fan settings in real time and with zero CPU usage.



Dedicated fan control

Keep control over your hardware. **abit Fan EQ™** helps you keep an eye on your motherboard fans.



One Click BIOS Update

With abit's BIOS flash utility you can easily update your motherboard BIOS online or offline.



Auto-Detect Hardware Info

The **abit BlackBox** auto-detects hardware info for quick communication between users and **abit Tech** support.



abit SoftMenu™

The original jumperless motherboard design allows for CPU setting changes completely through the BIOS. For GigaOverclocking! Boost your PC's Performance by up to 50%. Convenient and easy-to-use fine tuning from within a self-explanatory BIOS menu.



abit CPU ThermalGuard™

The **abit CPU ThermalGuard™** technology prevents the CPU from overheating and burning up in the case of any hardware cooling malfunction. This hardware thermal protection automatically shuts down your system when the CPU temperature reaches a certain threshold.

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Model	Logo	Media	Country	Award	Date
IX38 QuadGT		Driver Heaven	UK	Driver Heaven Editors Choice	2008/08/21
IX38 QuadGT		3DGameman	Canada	Kickass Gameman's choice	2008/05/09
IX38 QuadGT		COMPUTER TOTAAL	Netherlands	Editor's Choice	2008/04/09
IX38 QuadGT		BGAMER	Portugal	Best Performance	2008/04/01
IX38 QuadGT		HWM	Malaysia	Silver	2008/04/01
IX38 QuadGT		Shahrsakhtafzar	Iran	Gold	2008/02/25
IX38 QuadGT		Shahrsakhtafzar	Iran	Extreme Overclocker	2008/02/25
IX38 QuadGT		OverclockerClub.com	USA	OCC Silver Award	2008/01/21
IX38 QuadGT		Hardwarearena.com	Turkey	Performance Award	2008/01/21
IX38 QuadGT		InfoKomputer	Indonesia	Gold	2008/01/01
IX38 QuadGT		Quick PC	Thailand	Silver Recommended	2007/12/01
IX38 QuadGT		HardwareOverclock.com	Austria	Overclocking Yeah	2007/11/27

