

ABIT

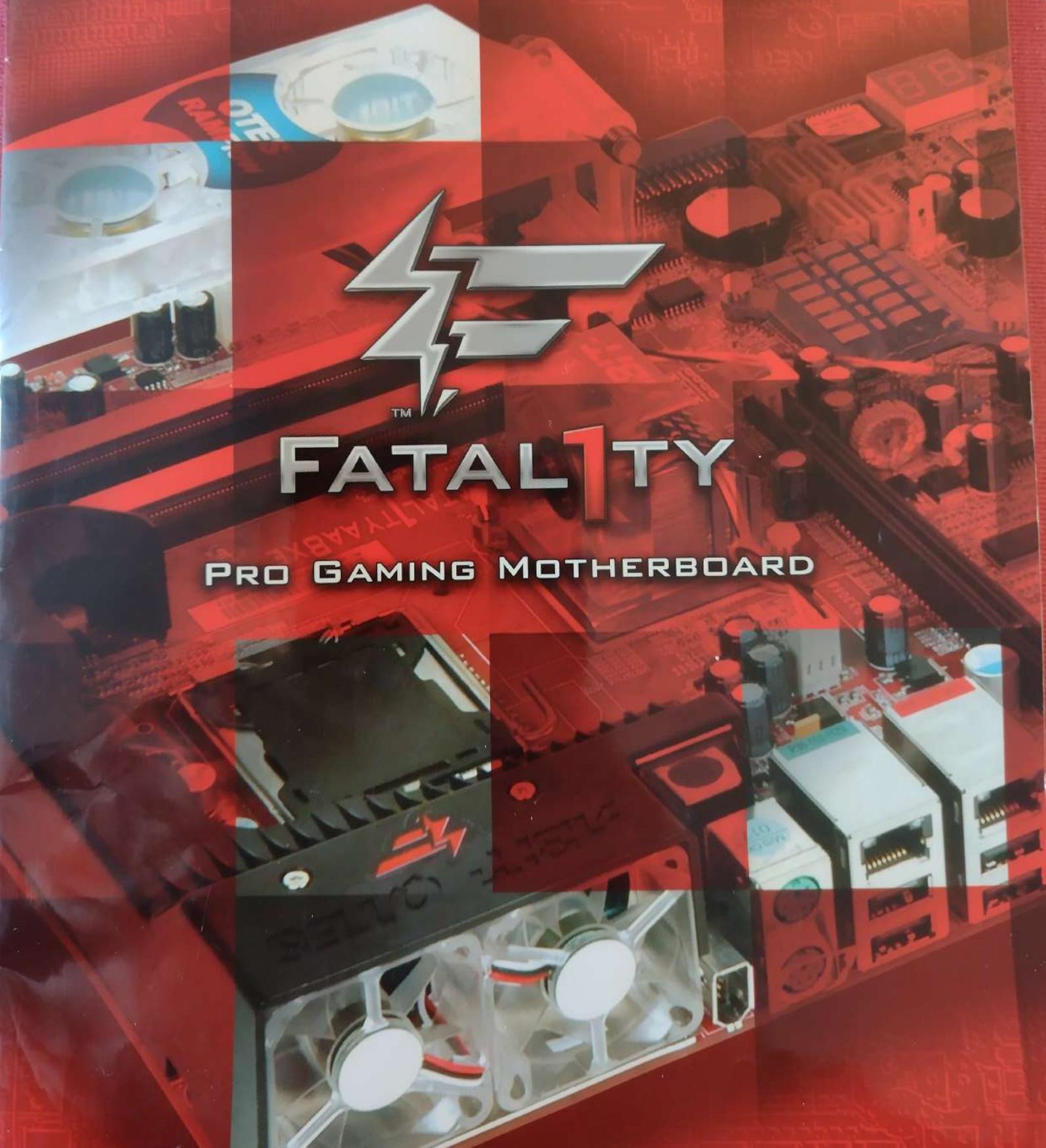
Advanced Durability

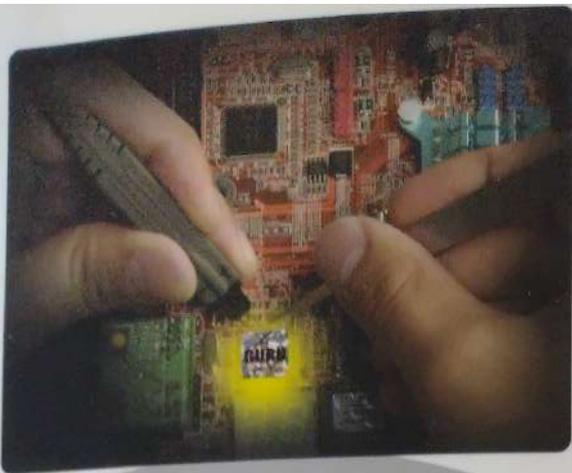
MOTHERBOARD CATALOGUE



FATAL1TY

PRO GAMING MOTHERBOARD





The Art of the Motherboard

ABIT has now entered its second decade of operation since it began in 1989. ABIT has achieved its position through diligence and hard work by encouraging an environment of cooperation and constant innovation.

In 1996, ABIT introduced the world's first "Jumperless" technology with "SoftMenu" on motherboards.

ABIT first began designing OTES in 2000, achieving a milestone in our research for new thermal solutions.

Years of such dedicated work has culminated in the creation of μGuru in 2003. The ABIT engineered μGuru is a microprocessor that combines with Windows-based software applications to enhance overall system performance. Take the time now to discover some unforgettable moments in our company, which will continue to make history in the years to come.

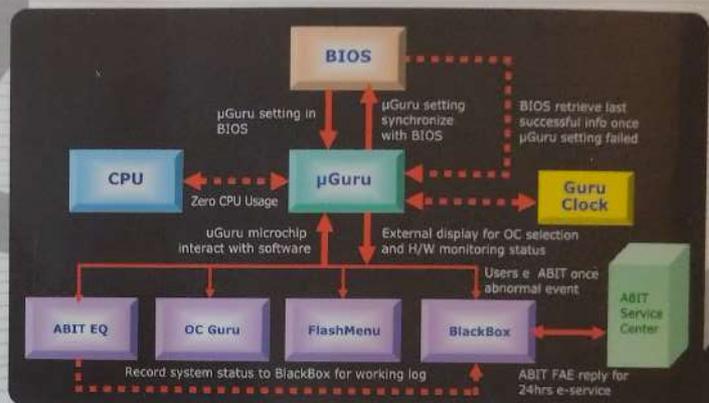
What's μGuru?

μGuru combines the latest PC technologies, providing users with an unforgettable PC experience. μGuru integrates a hardware microchip which interacts with Windows-based software applications to maximize PC performance and stability, while allowing for zero CPU usage.

μGuru features ABIT AutoDrive™ overclocking, advanced audio features, auto FAN speed control, self-diagnostic H/W monitoring, one click BIOS updating, and 24hrs e-service. μGuru combines ABIT EQ, OC Guru, FlashMenu and BlackBox applications with a user-friendly interface, providing users perfect environment for performance and stability. Furthermore, ABIT's new Guru Clock brings users prompt overclocking and monitoring hardware status without the need to enter Windows-based utilities. Users no longer have to worry about being interrupted while they're playing games or applications in full screen when they want to increase the system speed.

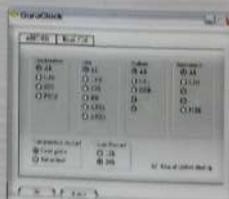
μGuru reinforces ABIT's leading position in the motherboard industry.

How does μGuru interact for OC selection with hardware and software?



Guru Clock The External Display

Part of the μGuru family, ABIT's Guru Clock allows you to access and overclock your system while playing games, utilities or office applications in full screen without need to stop or close the application you are running. In addition, Guru Clock displays hardware monitoring status and room temperature, allows you to power on your PC, and even notifies you of new MSN/E-mail messages – all from its convenient LCD display.



Easy Installation
It's easy to connect Guru Clock with an ABIT motherboard. Just connect the device via a linking cable and install the included software.

Large LCD Screen
Shows detailed CPU/Fan speeds, temperatures, time and voltage and MSN/E-mail on-line notifications.

Hardware Monitor Status and Warning
Display hardware monitoring status and warnings in a flash.

MSN/E-mail Notification
Be notified via flashing icon once somebody wants to talk with you with MSN or when you receive a new e-mail after enabling E-mail checking and POP3 server settings.

Time And Room Temperature
Display time and room temperature.

Quick Overclocking Without Entering Windows
Select Turbo, Normal, Quiet, User1/2/3, Default or AutoDrive overclocking options in real-time without entering Windows-based μGuru utilities. Finally, users can play games or other software in full screen and enhance system speed simultaneously. Gamers can turn up the heat on the competition without interrupting their game!

Convenient PC Power On/Off
Simply press the "power" button on Guru Clock to turn on/off your computer.



- Power** Power On/Off PC
- Menu** Overclocking options Turbo, Normal, Quiet, User1/2/3, Default or AutoDrive Fan RPM CPU, NB, System, AUX1 or AUX2 H/W monitoring temperatures CPU, System or PWM H/W monitoring Voltage CPU, DDR or AGP



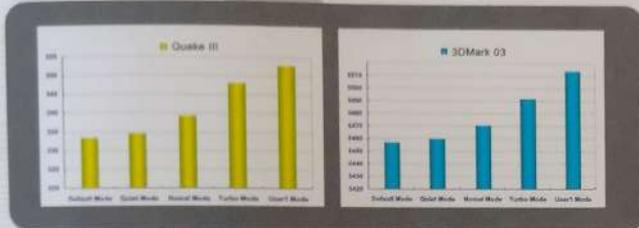
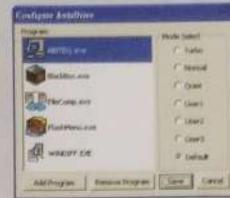
OC Guru - AutoDrive™

System Information
Display OC/BIOS/Audio status

AutoDrive™ - Overclocking By Application
By enabling AutoDrive, you can have the system automatically launch your desired settings upon application launch.

Preset OC - 6 Options
Preset OC - Turbo/Normal/Quiet
User Define OC - User1/User2/User3

Powerful OC Capabilities
Click "Config Preset" button, and you can adjust CPU ext. clock and CPU/DDR/AGP voltages. Power users also can enjoy smart fan and advanced audio settings.



Enable ABIT AutoDrive and easily increase your system performance!

How Does AutoDrive Work?

Applications

- 3D Games
- DVD Movie
- MP3s
- Office Apps
- Web Surfing
- Downloading
- Graphics

AutoDrive

Result

- Turbo Performance
- Powerful cooling
- 6ch audio
- Normal Performance
- Quiet cooling
- 6ch audio
- Quiet Performance
- Quiet cooling
- 2ch audio
- Normal Performance
- Quiet cooling
- 2ch audio
- Quiet Performance
- Quiet cooling
- 2ch audio
- Quiet Performance
- Quiet cooling
- 2ch audio
- Turbo Performance
- Normal cooling
- 2ch audio

13BIT



ABIT EQ H/W Monitoring



Monitors 19 Items
1st bar - 3~4 temperature settings
2nd~3rd bar - 10~11 voltage settings
3rd bar - 5 fan settings

Abnormal/Overheat Warning
Enable "Beep" or "Shut Down" if there are abnormal / temperature warning.

Zero CPU Usage
Enable ABIT EQ without any CPU usage.

Real-Time System Info
Automatically records system info for BlackBox to generate a detailed log that can be sent to ABIT Tech Support.

FlashMenu One Click BIOS Update



One Click LiveUpdate
"One Click LiveUpdate" to flash new BIOS on line via ABIT's website.

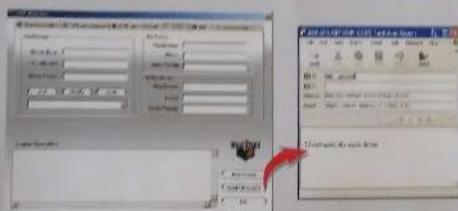
LiveUpdate Step by Step
"LiveUpdate Step by Step" designed for users who prefer to update to the new BIOS one step at a time.

Update From File
Update to a new BIOS using an existing file. No booting from floppy!

Save BIOS
Save new BIOS for keeping your system up-to-date.



BlackBox 24hrs e-service

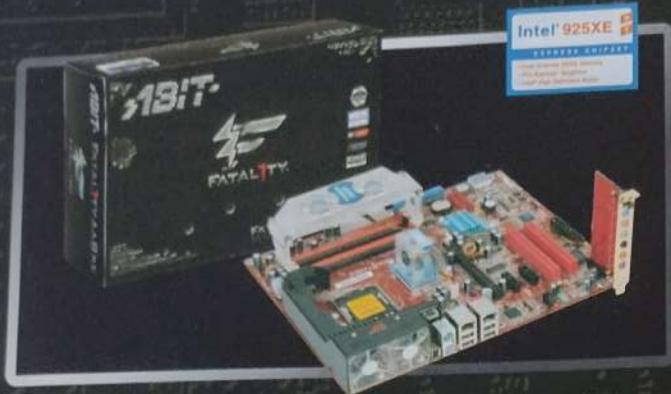


Auto-Detect Hardware Info
BlackBox auto-detects hardware info for quick communication between users and ABIT Tech support.

24hrs e-service
When users face problems, just click "SendMail to ABIT". ABIT Tech Support will give technical support with a targeted response time of 24hrs.

FATAL1TY AA8XE

PRO GAMING MOTHERBOARD



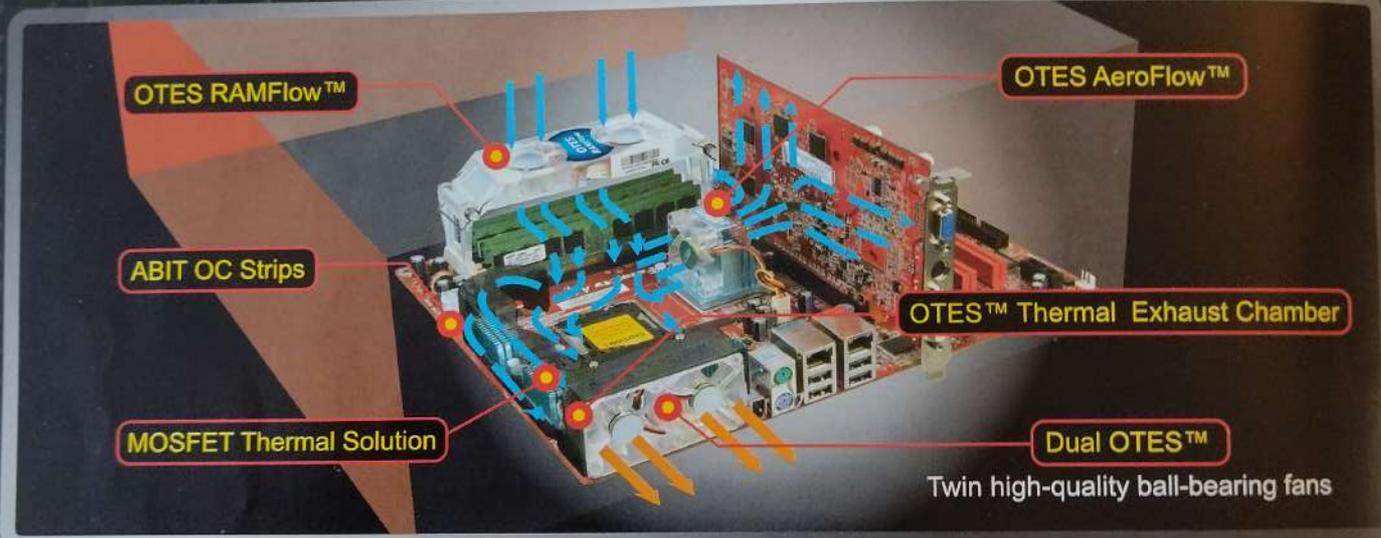
Intel® 925XE
EXPERT CHOICE



- Intel P4 Prescott LGA 775 HT Processor
- FSB 1066MHz
- Intel 925XE+ICH6R chipsets
- 4*240-pin DIMM dual channel DDR2 533/400 up to 4GB
- 1*PCI-E X16, 2*PCI-E X1, 2*PCI
- 4*SATA 150 Raid 0/1
- On-board 7.1-CH Intel High Definition Audio CODEC ALC880D
- supports Dolby Digital Live
- Support Optical S/P DIF Input/Output
- Dual LAN: On-board intel® Gigabit 10/100 PCI LAN controller
- 3 ports IEEE 1394 at 100/200/400 Mb/s
- 8 ports USB 2.0 at 480Mb/s
- ABIT engineered uGuru, Dual OTES, OTES AeroFlow, OTES RamFlow, CPU Accelerator, AudioMAX Technology



ABIT OTES™ Total Thermal Solution

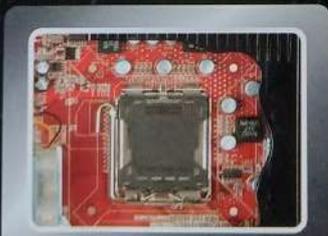


Twin high-quality ball-bearing fans



Dual OTES™

Exhaust heat from your PC like never before with Dual OTES™ cooling technology. Works with ABIT μGuru™ to automatically adjust fan speeds for the optimal balance of thermal and acoustic performance.



MOSFET Thermal Solution

With special 2 high-side and 2 low-side MOS arrangement and heatsinks, this exclusive PWM design keeps all MOSFET <math>< 50^{\circ}\text{C}</math>, and promotes rapid heat dissipation around the CPU



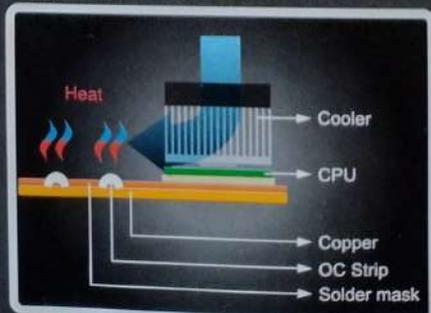
OTES AeroFlow™

Unique vertical design simultaneously moves heat away from the CPU, and cools the chipset and graphics card.



OTES RAMFlow™

ABIT Engineers innovate yet again with the world's first memory thermal solution on a desktop motherboard. This special cooler design works with ABIT μGuru™, and adjusts according to system loading for automatic fan speed adjustment.



OC Strips connect directly to copper.
Heat is quickly carried away via the CPU cooler air flow.

ABIT μ Guru™ with CPU Accelerator



ABIT μ Guru™ Technology

Independent 2nd Processor that delivers 4 major functions:
 OC Guru™ · AutoDrive™ overclocking
 ABIT EQ™ · Hardware monitoring
 BlackBox™ · 24-hour e-Service
 FlashMenu™ · 1-click BIOS update

CPU Accelerator : Accelerated for Gaming

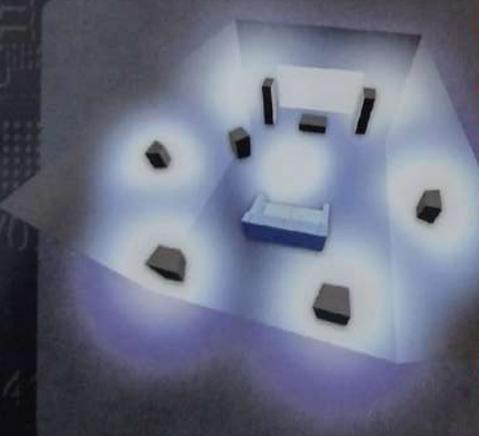
With CPU Accelerator, gamers are able to realize the full potential of their PCs. Traditionally, the multipliers of Intel Pentium 4 CPUs are locked, which means that users are unable to change this value. The only way to overclock the system was to increase front side bus speeds. CPU Accelerator basically enables users to change the multiplier factor of their CPUs. By altering the CPU multiplier, users can more easily find the optimal operating speed of their systems for massive performance gains.

CPU Accelerator Benefits

CPU Accelerator allows gamers to run their systems at a higher front side bus speed for enhanced performance. The speed or frequency of a CPU is calculated by a simple formula: Front Side Bus x Multiplier = CPU Frequency. For instance, an Intel Pentium 4 3.4GHz CPU operates at a 200MHz (800Mhz quad-pumped) front side bus (200MHz FSB x 17 = 3.4GHz). With CPU Accelerator, gamers can lower the multiplier to 14 and run a 266MHz front side bus for a total of 3724 MHz (266MHz FSB x 14 = 3724MHz). With this extra flexibility, gamers can find the overclocking sweet spot for their PCs, and maximize gaming performance.



AudioMAX Technology



Optical S/P DIF In/Out

Digital optical signal provides accurate sound reproduction for DVDs, games, and other digital audio sources

AudioMAX™ Technology

Reduces noise interference from high frequency signals with an independent card for outstanding 7.1-channel audio quality (SNR \geq 90dB)

Intel® High Definition Audio

Intel® HD Audio is capable of playing back more channels at higher quality than previous integrated audio formats. In addition, Intel® High Definition Audio has the technology needed to support the latest and greatest audio content. Intel HD Audio hardware is capable of delivering the support and sound quality for up to eight channels at 192 kHz/32-bit quality.

Dolby Digital Live Certified

Bring your games to life with the first motherboard with Dolby Digital Live certified.



Dual Intel® LAN



Dual Intel® High Speed LAN

High speed Intel® Gigabit and 10/100 LAN provides blistering speeds for file transfers and low latencies for Internet gaming.

Bold Design with On-board LEDs



Bold Design

Striking red and black styling looks as good as it runs.



On-Board LEDs

A godsend for case modders, ultra-bright LEDs surround the motherboard for a stunning futuristic look.

FATAL1TY AN8 PRO GAMING MOTHERBOARD



Copper Chipset Cooler
Copper chipset cooler conducts and dissipates heat from the chipset three times more efficiently than aluminum.



OTES RAMFLOW™
ABIT Engineers innovate yet again with the world's first memory thermal solution on a desktop motherboard. This special cooler adjusts according to system loading for automatic fan speed adjustment.



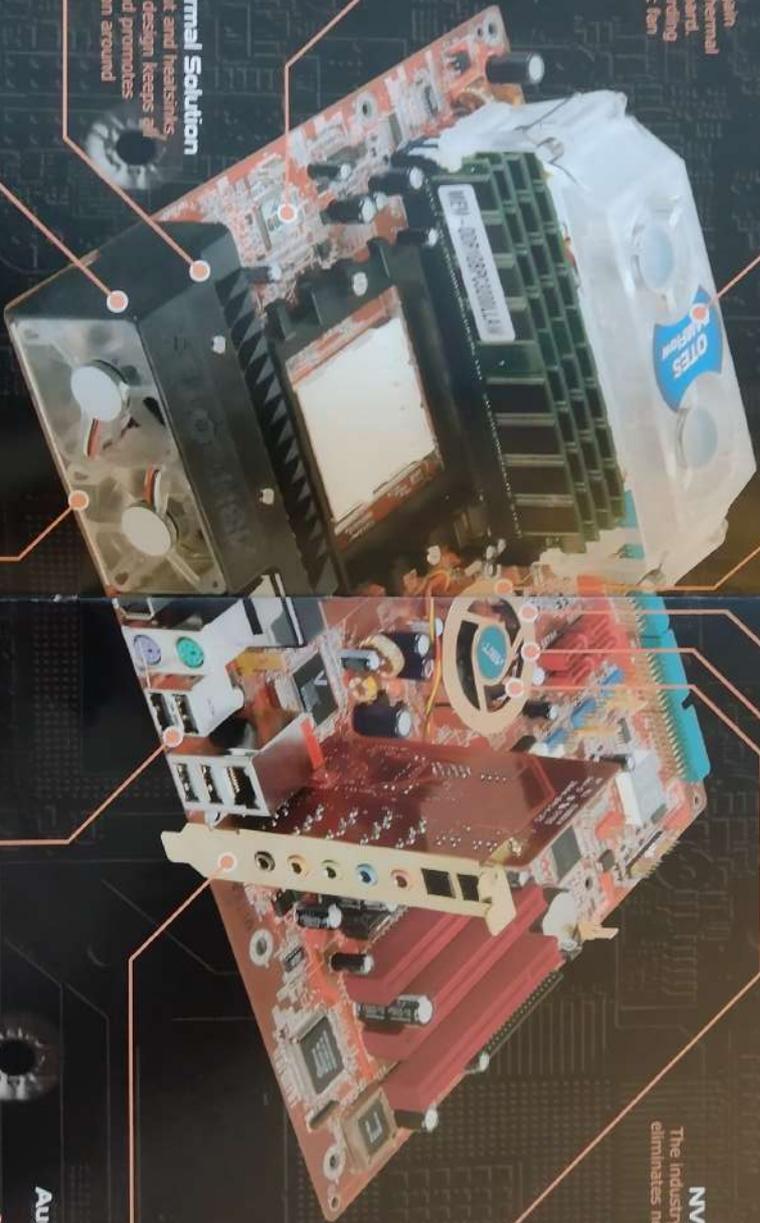
pGuru™ Technology
Exclusive ABIT Engineered motherboard technology allows you to easily break your system for optimum performance and frame rates.



MOSFET Thermal Solution
With a special layout and heatsinks, this exclusive PWM design keeps all MOSFETs <50°C, and promotes rapid heat dissipation around the CPU.



Dual OTES™
Exhaust heat from your PC like never before with Dual OTES cooling technology. Works with pGuru to automatically adjust fan speeds for the optimal balance of thermal and acoustic performance.



SATA 3Gb/s

SATA 3Gb/s
Doubles bus bandwidth which provides blazingly high disk performance.

Gigabit Ethernet

NVIDIA Native Gigabit Ethernet
The industry's fastest Gigabit Ethernet performance eliminates network bottlenecks and improves overall system efficiency and performance.



NVIDIA Firewall
NVIDIA Firewall protects your PC from intruders by filtering unauthorized traffic. Integrated into NVIDIA nForce4 MCPs, it provides professional-grade traffic inspection capabilities, instant on protection, advanced management features. NVIDIA Firewall will also utilize the NVIDIA ActiveArmor secure networking engine.

AudioMax Technology

(5.1-Channel)
Reduces noise interfere from high frequency signals with an independent card for outstanding 5.1-channel audio quality. (SNR2,955db)



On-board LEDs

A godsend for case modders, ultra-bright LEDs surround the motherboard for a stunning futuristic look.



Bold Design
Striking red and black color scheme.



FATAL1TY AA8XE PRO GAMING MOTHERBOARD



Bold Design
Striking red and black styling looks as good as it runs.



OTES AeroFlow™
Unique vertical design simultaneously moves heat away from the CPU, and cools the northbridge and graphics card.



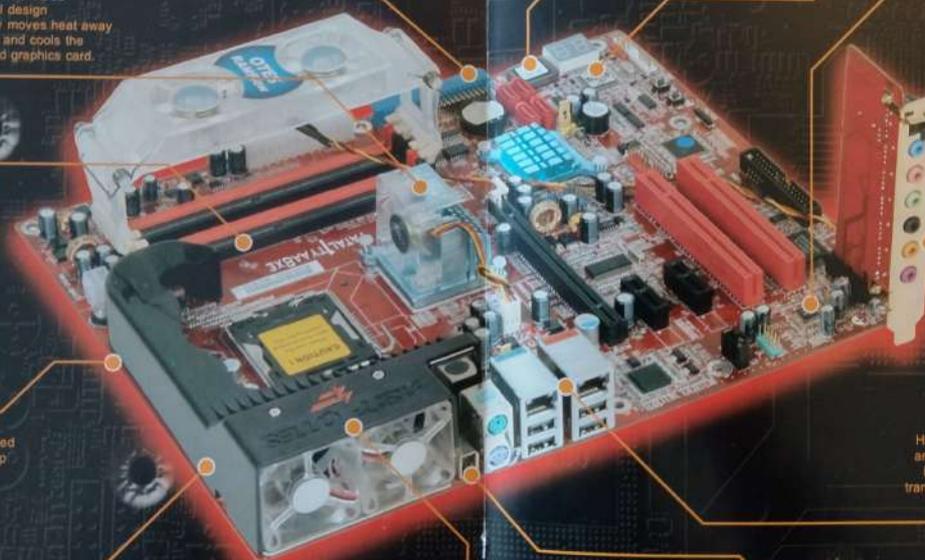
OTES RAMFlow™
ABIT Engineers innovate yet again with the world's first memory thermal solution on a desktop motherboard. This special cooler adjusts according to system loading for automatic fan speed adjustment.



OC Strips
Specially designed copper strips help draw heat away from the PCB.



MOSFET Thermal Solution
With a special layout and heatsinks, this exclusive PWM design keeps all MOSFET <math>< 30^{\circ}\text{C}</math> and promotes rapid heat dissipation around the CPU.



Accelerated for Gaming
Unlockable BIOS removes CPU multiplier limitations for unmatched overclocking and in-game performance.



µGuru™ Technology
Exclusive ABIT Engineered motherboard technology designed for unprecedented power, convenience, and control over your PC.



Dolby™ Digital Live Support
Bring your games to life with the first motherboard with Dolby Digital Live support.



AudioMAX Technology
Reduces noise interference from high frequency signals with an independent card for outstanding 7.1-channel audio quality.



Dual LAN
High speed Intel® Gigabit and 10/100 LAN provides blistering speeds for file transfers and low latencies for Internet gaming.

Dual OTES™
Exhaust heat from your PC like never before with Dual OTES cooling technology. Works with µGuru™ to automatically adjust fan speeds for the optimal balance of thermal and acoustic performance.



On-board LEDs
A godsend for case modders, ultra-bright LEDs surround the motherboard for a stunning futuristic look.



AW8 series



- Intel® Glenwood LGA775 FSB 1066/800 MHz with HT/XD/EM64T Technology
- 4 DIMMs Dual DDRII 667/533 up to 8GB
- 1 x PCI-E X16 slot, 2 x PCI-E X1 slot, 2 x PCI slot, 1 x AudioMAX slot
- 6 x SATAII (RAID 0, 1, 10, 5), 1 x ATA100
- 8 x USB 2.0, 2 x IEEE1394b, 2 x GbE
- 7.1 Channels HD Audio and Optical S/P DIF In/Out
- ABIT uGuru™ Technology
- ABIT AudioMAX Technology

Model	Chipset	Features
AW8-MAXX	Glenwood + ICH7-R	OTES, Guru Remote, WL, A/V solution, IEEE 1394b, Dual SATA RAID, SERIALLE3, Dual PCI-E GbE
AW8	Glenwood + ICH7-R	OTES, Guru Clock, SATA2 RAID, PCI-E GbE

AL8 series



- Intel® Lakeport-P LGA775 FSB 1066/800 MHz with HT/XD/EM64T Technology
- 4 DIMMs Dual DDRII 667/533 up to 4GB
- 1 x PCI Express x16 slot, 3 x PCI Express x1 slots, 2 x PCI slots
- 6 x SATAII (RAID 0, 1, 10, 5), 1 x ATA100
- 8 x USB 2.0, 2 x IEEE1394, 1 x GbE
- 7.1 Channels HD Audio and Optical S/P DIF In/Out
- ABIT uGuru™ Technology

Model	Chipset	Features
AL8	Lakeport-P+ ICH7R	Dual SATA2 RAID, IEEE1394, S/PDIF In/Out, PCI-E GbE, 7.1-ch HD Audio, SERIALLE3, Guru Clock
AL8-V	Lakeport-P+ ICH7	SATA2 RAID, PCI-E GbE, 7.1-ch HD Audio

BL8 series



- Intel® Lakeport-G LGA775 FSB 1066/800 MHz with HT/XD/EM64T Technology
- Integrated Intel Graphics Media Accelerator 900
- 4 DIMMs Dual DDRII 667/533 up to 4GB
- 1 x PCI Express X16 slot, 2 x PCI Express X1 slots, 1 x PCI slots
- 4 x SATAII, 1 x ATA100
- 8 x USB 2.0, 1 x IEEE1394, 1 x GbE
- 7.1 Channels HD Audio
- ABIT uGuru™ Technology

Model	Chipset	Spec.
BL8	Lakeport-G+ICH7	GbE, IEEE 1394
BL8-V	Lakeport-G+ICH7	GbE

AA8XE series



- Intel® 925XE LGA775 FSB 1066/800 MHz with HT/XD/EM64T Technology
- 4 DIMMs Dual DDRII 533/400 up to 4GB
- 1 x PCI Express X16 slot, 3 x PCI Express X1 slots, 2 x PCI slots
- 4 x SATA 150 (RAID 0, 1), 1 x ATA100
- 8 x USB 2.0, 3 x IEEE1394, 1 x GbE
- 7.1 Channels HD Audio and Optical S/P DIF In/Out
- ABIT uGuru™ Technology



Model	Chipset	Spec.
AA8XE-3™ Eye	Intel 925XE + ICH6R	FSB 1066, GbE, IEEE 1394, Guru Clock

AA8 series



- Intel® 925X LGA775 FSB 800 MHz with HT/XD/EM64T Technology
- 4 DIMMs Dual DDRII 533/400 up to 4GB
- 1 x PCI Express X16 slot, 3 x PCI Express X1 slots, 2 x PCI slots
- 4 x SATA 150 (RAID 0, 1), 1 x ATA100
- 8 x USB 2.0, 3 x IEEE1394, 1 x GbE
- 7.1 Channels HD Audio and Optical S/P DIF In/Out
- ABIT uGuru™ Technology



Model	Chipset	Spec.
AA8-3™ Eye	Intel 925X + ICH6R	GbE, IEEE 1394, Guru Clock
AA8-DuraMAX	Intel 925X + ICH6R	GbE, IEEE 1394

AG8 series

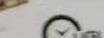


- Intel® 915P LGA775 FSB 800/533 MHz with HT/XD/EM64T Technology
- 4 DIMMs Dual DDR 400 up to 4GB
- 1 x PCI Express X16 slot, 3 x PCI Express X1 slots, 2 x PCI slots
- 4 x SATA 150 (RAID 0, 1), 1 x ATA100
- 8 x USB 2.0, 3 x IEEE1394, 1 x GbE
- 5.1 Channels Audio and Optical S/P DIF In/Out
- ABIT uGuru™ Technology



Model	Chipset	Spec.
AG8-3™ Eye	Intel 915P + ICH6R	Guru Clock, GbE, IEEE 1394, SATA RAID, S/PDIF in/out
AG8	Intel 915P + ICH6R	GbE, IEEE 1394, SATA RAID, S/PDIF in/out
AG8-V	Intel 915P + ICH6	GbE, SATA150

AS8 series



- Intel® 865PE LGA775 FSB 800/533 MHz with HT/XD/EM64T Technology
- 4 DIMMs Dual DDR 400/333 up to 4GB
- 1 x AGP slot, 4 x PCI slots
- 2 x SATA 150 (RAID 0, 1), 2 x ATA100
- 8 x USB 2.0, 3 x IEEE1394, 1 x 10/100 LAN
- 5.1 Channels Audio and Optical S/P DIF In/Out
- ABIT uGuru™ Technology



Model	Chipset	Spec.
AS8-3™ Eye	Intel 865PE + ICH6R	IEEE 1394, SATA 150 RAID, S/PDIF in/out, Guru Clock
AS8	Intel 865PE + ICH6R	IEEE 1394, SATA 150 RAID, S/PDIF in/out
AS8-V	Intel 865PE + ICH6	SATA150

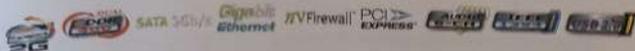
AI7



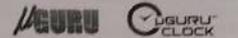
- Intel® 865PE Socket 478 FSB 800/533 MHz with HT technology
- 4 DIMMs Dual DDR 400 up to 4GB
- AGP 8X/4X, 5 x PCI
- 2 x SATA 150 (RAID), 2 x ATA100
- 8 x USB 2.0, 3 x IEEE1394, 10/100M LAN
- Onboard 6-Ch Audio and Optical S/P DIF In/Out
- ABIT uGuru™ Technology

AN8 SLI

- NVIDIA® NF4 SLI supports AMD K8 Socket 939 with 2GHz Hyper Transport™ Technology
- 4 DIMMs Dual DDR400 up to 4GB
- 2 x PCI Express X16, 2 x PCI Express X1, 2 x PCI slots, 1 x AudioMAX slot
- 4 x SATA 3Gb/s Raid 0/1/0+1, 2 x ATA133
- 10 x USB 2.0, 2 x IEEE1394, 1 x NVIDIA GbE In/Out
- 5.1 Channels Audio Card with Optical S/P DIF In/Out
- ABIT uGuru™ Technology
- ABIT OTES™ Technology
- ABIT AudioMAX™ Technology

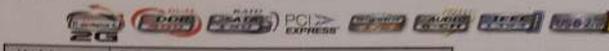


AX8 series



- VIA® K8T890 supports AMD K8 Socket 939 with 2GHz Hyper Transport™ Technology
- 4 DIMMs Dual DDR400 up to 4GB
- 1 x PCI-Express X16, 3 x PCI-Express X1 and 2 x PCI slots

- 4 x SATA 150 Raid 0/1/0+1, 3 x ATA133
- 8 x USB 2.0, 2 x IEEE1394, 1 x GbE
- 5.1 Channels Audio and Optical S/P DIF In/Out
- ABIT uGuru™ Technology



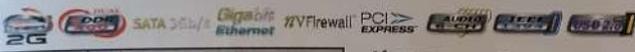
Model	Difference
AX8-3 rd Eye	4 x SATA RAID 0/1/0+1, 3 x PATA, 1394, S/PDIF, Guru Clock
AX8	4 x SATA RAID 0/1/0+1, 3 x PATA, 1394, S/PDIF
AX8-V	2 x SATA RAID 0/1, 2 x PATA

AN8 series



- NVIDIA® NF4 supports AMD K8 Socket 939 with 2GHz Hyper Transport™ Technology
- 4 DIMMs Dual DDR400 up to 4GB
- 1 PCI-E X16 slot, 2 PCI-Express X1 slots, 3 PCI slots, 1 x AudioMAX slot
- 4 x SATA 3Gb/s Raid 0/1/0+1, 2 x ATA133

- 10 x USB 2.0, 2 x IEEE1394, 1 x NVIDIA GbE
- 5.1 Channels Audio Card with Optical S/P DIF In/Out
- ABIT uGuru™ Technology
- ABIT OTES™ Technology
- ABIT AudioMAX™ Technology



Model	Difference
AN8-3 rd Eye	OTES, 1394, GuruClock
AN8	GbE, OTEs, 1394
AN8-V	GbE

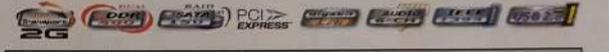


AV8 series



- VIA® K8T800 Pro supports AMD K8 Socket 939 with 2GHz Hyper Transport™ Technology
- 4 DIMMs Dual DDR400 up to 4GB
- 1 AGP 8X slot, 5 PCI slots

- 2 x SATA 150 (RAID 0, 1), 2 x ATA133
- 8 x USB 2.0, 3 x IEEE1394, 1 x GbE
- 5.1 Channels Audio and Optical S/P DIF In/Out
- ABIT uGuru™ Technology



Model	Chipset	Spec.
AV8-3 rd Eye	K8T800 Pro + 8237	GbE, 2 x SATA RAID 0/1, 1394, 5.1-CH, S/PDIF In/Out, Guru Clock
AV8	K8T800 Pro + 8237	GbE, 2 x SATA RAID 0/1, 1394, 5.1-CH, S/PDIF In/Out

AN7



- NVIDIA® NF2 Ultra 400 supports AMD-K7 FSB 400MHz
- 3 DIMMs Dual DDR 400 up to 2GB
- AGP 8X/4X, 5 x PCI, 2 x ATA133

- 8 x USB 2.0, 10/100 LAN, 2 x IEEE1394
- Onboard 6-Ch Audio and Optical S/P DIF In/Out
- SoundStorm™ Technology
- ABIT uGuru™ Technology



KV8 Pro series



- VIA® K8T800 Pro supports AMD K8 Socket 754 with 1.6GHz Hyper Transport™ Technology
- 2 DIMMs Dual DDR400 up to 2GB
- 1 x AGP 8X slot, 5 x PCI slots

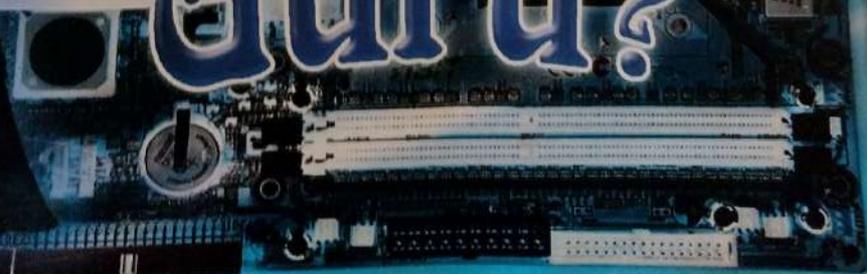
- 2 x SATA 150 Raid 0/1, 2 x ATA133
- 8 x USB 2.0, 1 x GbE
- 5.1 Channels Audio and Optical S/P DIF In/Out
- ABIT uGuru™ Technology



Model	Difference
KV8 Pro-3 rd Eye	Guru Clock
KV8	



Do you GURU?



GD8 series



- Intel® 915P LGA775 FSB 800/533 MHz with HT/XD/EM64T Technology
- 4 DIMMs Dual DDR 400 up to 4GB
- 1 x PCI Express X16 slot, 3 x PCI Express X1 slots, 2 x PCI slots

- 4 x SATA 150, 2 x ATA133, 1 x ATA100
- 8 x USB 2.0, 1 x Intel® GbE
- 5.1 Channels Audio
- ABIT SoftMenu™ Technology

Model	Chipset	Spec.
GD8	915P + ICH6	Intel® Gigabit LAN, ATA133
GD8-V	915P + ICH6	Intel® Gigabit LAN
GD8-M	915G + ICH6	Intel® Gigabit LAN, Intel® GMA900 / DX9, ATA133
GD8-MV	915G + ICH6	Intel® Gigabit LAN, Intel® GMA900 / DX9

IC7 series



- Intel® 875P supports Socket 478 FSB 800 MHz with HT Technology
- 4 DIMMs Dual DDR400 up to 4GB
- 1 x AGP PRO slot, 5 x PCI slots
- 4 x SATA 150 (RAID 0, 1, 2 x ATA100)

- 8 x USB 2.0, 1 x GbE
- 5.1 Channels Audio and Optical S/P DIF Out
- ABIT SoftMenu™ Technology

Model	Chipset	Features
IC7-G	875P + ICH5-R	Intel®CSA Gigabit LAN
IC7	875P + ICH5-R	

IS7-E2 series



- Intel® 865PE Supports Socket 478 FSB 800 MHz with HT Technology
- 2 DIMMs DDR400 up to 2GB
- 1 x AGP 8X slot, 5 x PCI slots

- 2 x SATA 150, 2 x ATA100
- 8 x USB 2.0, 1 x GbE
- 5.1 Channels Audio
- ABIT SoftMenu™ Technology

Model	Chipset	Features
IS7-E2G	865PE + ICH5	GbE
IS7-E2	865PE + ICH5	10/100M
IS7-E2V	865PE + ICH5	

IS7-V2



- Intel® 840P Supports Socket 478 FSB 800 MHz with HT Technology
- 2 DIMMs DDR400 up to 2GB
- 1 x AGP 8X slot, 5 x PCI slots
- 2 x SATA 150, 2 x ATA100

- 8 x USB 2.0, 1 x 10/100M LAN
- 5.1 Channels Audio
- ABIT SoftMenu™ Technology

VT8

- VIA® PT880 Pro supports LGA775 FSB 1066/800/533 MHz with HT Technology
- 4 DIMMs Dual DDR400 up to 4GB
- 1 x PCI Express X16 slot, 1 x AGP 8X slot, 3 x PCI slots
- 2 x SATA 150 (RAID 0, 1), 2 x ATA133
- 8 x USB 2.0, 1 x GbE
- 5.1 Channels Audio and Optical S/P DIF Out
- ABIT SoftMenu™ Technology



NV8



- NVIDIA® NF4-4X supports AMD K8 Socket939 FSB 1600 MHz
- 4 DIMMs Dual DDR400 up to 4GB
- 1 x PCI Express X16 slot, 2 x PCI Express X1 slots, 3 x PCI slots
- 4 x SATA 150 Raid 0/1/1+0, 2 x ATA133
- 10 x USB 2.0, 1 x GbE
- 7.1 Channels Audio and Optical S/P DIF Out
- ABIT SoftMenu™ Technology



NF7-S2G



- NVIDIA® NF2 supports AMD K7 Socket A processor FSB 400
- 3 DIMMs Dual DDR400 up to 3GB
- 1 x AGP 8X slot, 5 x PCI slots

- 2 x SATA 150 (RAID 0, 1, 10, 5), 2 x ATA133
- 8 x USB 2.0, 1 x GbE
- 5.1 Channels Audio
- ABIT SoftMenu™ Technology

KW7 series



- VIA® KT880 supports AMD K7 Socket A processor FSB 400
- 4 DIMMs Dual DDR400 up to 4GB
- 1 x AGP 8X slot, 5 x PCI slots

- 2 x SATA 150 (RAID 0, 1), 2 x ATA133
- 8 x USB 2.0, 1 x GbE
- 5.1 Channels Audio and Optical S/P DIF Out
- ABIT SoftMenu™ Technology

Model	Difference
KW7-G	Gigabit LAN, S/PDIF In/Out, IEEE 1394
KW7	10/100M LAN

KU8 series



- ULI® M1689 supports AMD K8 Socket 754 with 1.6GHz Hyper Transport? Technology
- 2 DIMMs Dual DDR400 up to 2GB
- 1 x AGP 8X slot, 5 x PCI slots

- 2 x SATA 150 (RAID 0, 1), 2 x ATA133
- 8 x USB 2.0, 1 x IEEE1394, 1 x GbE
- 5.1 Channels Audio and Optical S/P DIF Out
- ABIT SoftMenu™ Technology

Model	Difference
KUB	Gigabit LAN, IEEE 1394, S/P DIF Out
KUB-V	10/100M LAN

LP-80 series



- Intel® Lakeport-P LGA775 FSB 1066/800 MHz with HT/EM64T Technology
- 2 DIMMs Dual DDRII 667/533 up to 2GB
- 1 x PCI Express x16 slot, 2 x PCI Express x1 slots, 1 x PCI slot
- 4 x SATAII, 1 x ATA100
- 8 x USB 2.0, 1 x IEEE 1394, 1 x GbE
- 7.1 Channels HD Audio and Optical S/P DIF Out
- ABIT SoftMenu™ Technology

Model	Chipset	Spec.
LP-80	Lakeport-P + ICH7	GbE, IEEE 1394
LP-81	Lakeport-P + ICH7	GbE

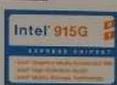
LG-80 series



- Intel® Lakeport-G LGA775 FSB 1066/800 MHz with HT/EM64T Technology
- 2 DIMMs Dual DDRII 667/533 up to 2GB
- 1 x PCI Express X16 slot, 2 x PCI Express X1 slots, 1 x PCI slot
- 4 x SATAII, 1 x ATA100
- 8 x USB 2.0, 1 x IEEE1394, 1 x GbE
- 7.1 Channels HD Audio
- ABIT SoftMenu™ Technology

Model	Chipset	Spec.
LG-80	Lakeport-G + ICH7	GbE, IEEE 1394
LG-81	Lakeport-G + ICH7	GbE

IG-80 series



- Intel® 915G LGA775 FSB 800 MHz
- 2 DIMMs Dual DDR 400 up to 2GB
- 1 x PCI Express X16 slot, 1 x PCI Express X1 slot, 2 x PCI slots
- 4 x SATA 150, 1 x ATA100
- 8 x USB 2.0, 1 x IEEE1394, 1 x GbE
- 5.1 Channels Audio
- ABIT SoftMenu™ Technology

Model	Chipset	Spec.
IG-80	915G + ICH6	GbE, IEEE 1394
IG-81	915G + ICH6	GbE

BG-72



- Intel® 845GV Socket 478 FSB 533 MHz
- Integrated Intel Extreme Graphics 2
- 2 DIMMs Dual DDR 333 up to 2GB
- 3 x PCI, 2 x ATA 100
- 6 x USB 2.0, 1 x 10/100 LAN
- 5.1 Channels Audio

SG-80 series



- SIS® 661FX supports LGA775 FSB 800 MHz with HT Technology
- 2 DIMMs Dual DDR400 up to 2GB
- 1 x AGP 8X/4X slot, 3 x PCI slots
- 2 x SATAII (RAID 0, 1), 2 x ATA133
- 8 x USB 2.0, 1 x 10/100 LAN
- 5.1 Channels Audio

KV-80 series



- VIA® K8M800 supports AMD Athlon 64 Socket 754 FSB 1600 MHz with Hyper Transport Technology
- 2 DIMMs DDR400 up to 2GB
- 1 x AGP 8X/ 4X slot, 2 x PCI slots
- 2 x SATA 150 (RAID 0, 1, 10, 5), 2 x ATA133
- 8 x USB 2.0, 1 x GbE
- 5.1 Channels Audio
- ABIT SoftMenu™ Technology

Model	Chipset	Spec.
KV-80	K8M800 + VT8237	10/100/1000Mb LAN, IEEE 1394
KV-81	K8M800 + VT8237	10/100/1000Mb LAN
KV-82	K8M800 + VT8237	10/100Mb LAN

VA-20



- VIA® K8M800 supports AMD Athlon 64 Socket 754 FSB 1600 MHz with Hyper Transport Technology
- 2 DIMMs DDR400 up to 2GB
- 1 x AGP 8X/ 4X slot, 2 x PCI slots
- 2 x SATA 150 (RAID 0, 1, 10, 5), 2 x ATA133
- 8 x USB 2.0, 1 x GbE
- 5.1 Channels Audio
- ABIT SoftMenu™ Technology

ABIT Awards



Platform Mainboard

Models	AW8-MAXS AW8	AL8 AL8-V	(mATX) LP-80 LP-81	(mBTX) BL8 BL8-V	(mATX) LG-80 LG-81	Fatal1ty AA8XE	AA8XE-3" Eye AA8XE	AA8-3" Eye AA8-DuraMAX	AG8-3" Eye AG8 AG8-V	RocketBoy AG8
CPU	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775
FSB	1066MHz	1066MHz	1066MHz	1066MHz	1066MHz	1066MHz	1066 MHz	800 MHz	800 MHz	800 MHz
Chipset	Glenwood ICH7-R	Lakeport-P ICH7-R	Lakeport-P ICH7	Lakeport-G ICH7	Lakeport-G ICH7	Intel 925XE ICH6-R	Intel 925XE ICH6-R	Intel 925X ICH6-R	Intel 915P ICH6-R	Intel 915P ICH6-R
Memory	Dual DDRII 667/ 533 8GB	Dual DDRII 667/ 533 4GB	Dual DDRII 667/ 533 2GB	Dual DDRII 667/ 533 4GB	Dual DDRII 667/ 533 2GB	Dual DDRII 533/ 400 4GB	Dual DDRII 533/ 400 4GB	Dual DDRII 533/ 400 4GB	Dual DDRII 400/ 333 4GB	Dual DDR-400 4GB
Memory Slots	4 DIMM 240pin	4 DIMM 240pin	2 DIMM 240pin	4 DIMM 240pin	2 DIMM 240pin	4 DIMM 240pin	4 DIMM 240pin	4 DIMM 240pin	4 DIMM 184pin	4 DIMM 184pin
Graphics	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16
Expansion Slots	2 PCI-E*1 2 PCI 1 Audio MAX	3 PCI-E*1 2 PCI	3 PCI-E*1 2 PCI	2 PCI-E*1 2 PCI	2 PCI-E*1 2 PCI	2 PCI-E*1 2 PCI	3 PCI-E*1 2 PCI	3 PCI-E*1 2 PCI	3 PCI-E*1 2 PCI	3 PCI-E*1 2 PCI
SATA/IDE	6 SATAII Raid 1 ATA100	6 SATAII Raid 1 ATA100	6 SATAII Raid 1 ATA100	4 SATAII Raid 1 ATA100	4 SATAII Raid 1 ATA100	4 SATA Raid 1 ATA100	4 SATA Raid 1 ATA100	4 SATA Raid 1 ATA100	4 SATA Raid 1 ATA100	4 SATA Raid 1 ATA100
USB	8	8	8	8	8	8	8	8	8	8
Audio	7.1CH. S/PDIF IN/OUT	7.1CH. S/PDIF IN/OUT	7.1CH. S/PDIF OUT	7.1 CH S/PDIF OUT	7.1 CH	7.1CH. S/PDIF IN/OUT	7.1CH. S/PDIF IN/OUT	7.1CH. S/PDIF IN/OUT	5.1CH. S/PDIF IN/OUT	5.1CH. S/PDIF IN/OUT
LAN	PCIe GbE	PCIe GbE	PCIe GbE	PCIe GbE	PCIe GbE	GbE 10/100	GbE 10/100	GbE	GbE	GbE
IEEE 1394	2 (1394b)	2	2 (LP-80)	2 (BL8)	2 (LG-80)	3	3	3	3	3
ABIT Engineer	uGuru AudioMAX OTES Guru Remote SERILLEL3	uGuru OTES Guru Clock SERILLEL3	SoftMenu FanEQ FlashMenu ThermalGuard	uGuru	SoftMenu FanEQ FlashMenu ThermalGuard	uGuru Dual OTES OTES RAMFlow	uGuru Guru Clock	uGuru Guru Clock	uGuru Guru Clock	uGuru OTES RAMFlow Guru Clock

Models	(mATX) IG-80 IG-81	GDB GDB-V GDB-M GDB-MV	AS8-3" Eye AS8 AS8-V	(mATX) SG-80 SG-81	IC7-G IC7	AI7	IS7-E2G IS7-E2 IS7-E2V	IS7-V2	VT8	(mATX) BG-72
CPU	LGA 775	LGA 775	LGA 775	LGA 775	Socket 478	Socket 478	Socket 478	Socket 478	Socket 478	Socket 478
FSB	800 MHz	800 MHz	800 MHz	800 MHz	800 MHz	800 MHz	800 MHz	800 MHz	800 MHz	533 MHz
Chipset	Intel 915G ICH6	Intel 915P (G) ICH6	Intel 865PE ICH5-R	SIS 661FX 964 (L)	Intel 875P ICH5-R	Intel 865PE ICH5-R	Intel 865PE ICH5	Intel 848P ICH5	VIA PT880 Pro VT 8237	Intel 845GV ICH4
Memory	Dual DDR 400 2GB	Dual DDR 400 4GB	Dual DDR 400 4GB	DDR 400 2GB	Dual DDR 400 4 GB	Dual DDR 400 4 GB	Dual DDR 400 2GB	Dual DDR 400 2GB	Dual DDR 400 4GB	Dual DDR 333 2GB
Memory Slots	2 DIMM 184PIN	4 DIMM 184PIN	4 DIMM 184PIN	2 DIMM 184PIN	4 DIMM 184PIN	4 DIMM 184PIN	2 DIMM 184PIN	2 DIMM 184PIN	4 DIMM 184PIN	2 DIMM 184PIN
Graphics	PCI Express x16	PCI Express x16	AGP 8X	AGP 8X	AGP 8X Pro	AGP 8X	AGP 8X	AGP 8X	AGP 8X	-
Expansion Slots	1 PCI-E*1 2 PCI	3 PCI-E*1 2 PCI	4 PCI	3 PCI	5 PCI	5 PCI	5 PCI	5 PCI	5 PCI	3 PCI
SATA/IDE	4 SATA 1 ATA 100	4 SATA 2 ATA 133 1 ATA 100	2 SATA 2 ATA 100	2 SATA (SG-80) 2 ATA 100	4 SATA 2 ATA 100	2 SATA Raid 2 ATA 100	2 SATA 2 ATA 100	2 SATA 2 ATA 100	2 SATA 2 ATA 133	2 SATA Raid 2 ATA 100
USB	8	8	8	8	8	8	8	8	8	6
Audio	5.1CH.	5.1CH.	5.1CH.	5.1CH.	5.1CH. S/PDIF IN/OUT	5.1CH. S/PDIF IN/OUT	5.1CH.	5.1CH.	5.1CH. S/PDIF IN/OUT	5.1CH.
LAN	GbE	GbE	GbE	10/100	GbE	10/100	GbE (IS7-E2G) 10/100 (IS7-E2)	10/100	10/100	10/100
IEEE 1394	2 (IG-80)	2	2	-	3	3	-	-	-	-
ABIT Engineer	SoftMenu FanEQ FlashMenu ThermalGuard	SoftMenu FanEQ FlashMenu ThermalGua	uGuru Guru Clock	-	SERILLEL2 SoftMenu FanEQ FlashMenu ThermalGuard	uGuru SoftMenu FanEQ FlashMenu ThermalGuard	SoftMenu FanEQ FlashMenu ThermalGuard	SoftMenu FanEQ FlashMenu ThermalGuard	SoftMenu FanEQ FlashMenu ThermalGuard	-



Platform Mainboard

Models	AN8 SLI	Fatal1ty AN8	AN8-3 rd Eye AN8 AN8-V	NV8	AN7	NF7-S2G	AX8-3 rd Eye AX8 AX8-V
CPU	Socket 939	Socket 939	Socket 939	Socket 939	Socket A	Socket A	Socket 939
Hyper Transport	2GHz	2GHz	2GHz	1.6 GHz	400 MHz	400 MHz	2GHz
Chipset	nForce4 SLI	nForce4 Ultra	nForce4	nForce4 4X	nForce2 Ultra 400 MCP-T	nForce2 Ultra 400 MCP-RAID	K8T890 VT8237
Memory	Dual DDR 400 4GB	Dual DDR 400 4GB	Dual DDR 400 4GB	Dual DDR 400 4GB	Dual DDR 400 3 GB	Dual DDR 400 3 GB	Dual DDR 400 4GB
Memory Slots	4 DIMM 184 PIN	4 DIMM 184 PIN	4 DIMM 184 PIN	4 DIMM 184 PIN	3 DIMM 184 PIN	3 DIMM 184 PIN	4 DIMM 184 PIN
Graphics	Dual PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16	AGP 8X	AGP 8X	PCI Express x16
Expansion Slots	2 PCI-E*1 2 PCI 1 AudioMAX	2 PCI-E*1 3 PCI 1 AudioMAX	2 PCI-E*1 3 PCI 1 AudioMAX	2 PCI-E*1 3 PCI	5 PCI	5 PCI	2 PCI-E*1 2 PCI
SATA/IDE	4 SATA2 3Gbps Raid 2 ATA 133	4 SATA2 Gbps Raid 2 ATA 133	4 SATA Raid 2 ATA 133	4 SATA Raid 2 ATA 133	2 SATA Raid 2 ATA 133	2 SATA Raid 2 ATA 133	4 SATA Raid 2 ATA 133
USB	10	10	10	10	6	8	8
Audio	5.1CH. S/PDIF IN/OUT	5.1CH. S/PDIF IN/OUT	5.1CH. S/PDIF IN/OUT	7.1CH. S/PDIF IN/OUT	5.1CH. S/PDIF IN/OUT	5.1CH.	5.1CH. S/PDIF IN/OUT
LAN	GbE	GbE	GbE	GbE	10/100	GbE	GbE
IEEE 1394	2	2	2	--	2	2	2
ABIT Engineer	uGuru OTES Guru Panel AudioMAX	uGuru OTES OTES RAMFlow AudioMAX	uGuru OTES (AN8-3 rd Eye/AN8) Guru Clock (AN8-3 rd Eye) AudioMAX	SoftMenu FanEQ FlashMenu ThermalGuard	uGuru Guru Clock	SoftMenu FanEQ FlashMenu ThermalGuard	uGuru Guru Clock (AX8-3 rd Eye)

Models	AV8-3 rd Eye AV8	RocketBoy AV8	KV8 Pro-3 rd Eye KV8 Pro	KU8	KW7-G KW7	(mATX) KV-80 KV-81 KV-82	(mATX) VA-20
CPU	Socket 939	Socket 939	Socket 754	Socket 754	Socket A	Socket 754	Socket A
Hyper Transport	2GHz	2GHz	1.6 GHz	1.6 GHz	400 MHz	1GHz	400 MHz
Chipset	K8T800 Pro VT8237	K8T800 Pro VT8237	K8T800 Pro VT8237	ULI M1689	VIA KT880 VT8237	K8M800 VT8237	VIA KM400A VT8237
Memory	Dual DDR 400 4GB	Dual DDR 400 4GB	DDR 400 2GB	Dual DDR 400 2GB	Dual DDR 400 4GB	DDR 400 2GB	DDR 400 2GB
Memory Slots	4 DIMM 184 PIN	4 DIMM 184 PIN	2 DIMM 184 PIN	2 DIMM 184 PIN	4 DIMM 184 PIN	2 DIMM 184 PIN	2 DIMM 184 PIN
Graphics	AGP 8X	AGP 8X	AGP 8X	AGP 8X	AGP 8X	AGP 8X	AGP 8X
Expansion Slots	5 PCI	5 PCI	5 PCI	5 PCI	5 PCI	2 PCI	3 PCI
SATA/IDE	2 SATA Raid 2 ATA 133	2 SATA Raid 2 ATA 133	2 SATA Raid 2 ATA 133	2 SATA Raid 2 ATA 133	2 SATA Raid 2 ATA 133	2 SATA Raid 2 ATA 133	2 SATA Raid 2 ATA 133
USB	8	8	8	8	8	8	8
Audio	5.1CH. S/PDIF IN/OUT	5.1CH. S/PDIF IN/OUT	5.1CH. S/PDIF IN/OUT	5.1CH. S/PDIF OUT	5.1CH. S/PDIF IN/OUT	5.1CH.	5.1CH.
LAN	GbE	GbE	GbE	10/100	GbE (KW7-G) 10/100 (KW7)	GbE 10/100 (KV-82)	10/100
IEEE 1394	2	2	--	--	2 (KW7-G)	2 (KV-80/KV-81)	--
ABIT Engineer	uGuru Guru Clock (AV8-3 rd Eye)	uGuru Guru Clock	uGuru Guru Clock (KV8 Pro-3 rd Eye)	SoftMenu FanEQ FlashMenu ThermalGuard	SoftMenu FanEQ FlashMenu ThermalGuard	SoftMenu FanEQ FlashMenu ThermalGuard	--

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