

abit Engineered™

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MOTHERBOARD

LGA775

Browse by processor

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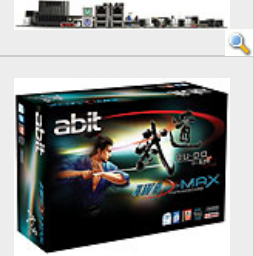
AW9D-MAX



- Supports LGA 775
- Intel® 975X
- FSB1066
- Dual DDR2 800
- Dual PCH-E X16
- 7 SATA 3G RAID
- 1e-SATA
- Dual PCH-E GbE
- 2 IEEE1394
- 7.1 CH/D Audio
- RoHS Compliance
- Silent OTES™2
- µGuru™ Tech

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Product Image



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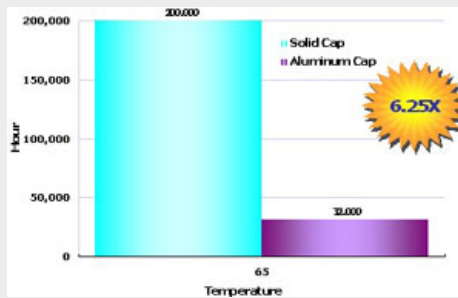
Specifications

Solid State Capacitors

-For Best Stability



Solid State Capacitors significantly reduce heat dissipation and offer best voltage regulation, thereby increasing performance while extending product life and even under most stressful conditions.



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

7x SATA

-Storage



7 ports of SATA 3Gb/s provide for largest storage flexibility and an amazing storage capacity never seen before on a mainstream high-end motherboard.

Dual Gigabit LAN -PCI-E



Now you can use not only the Internet but also host your own game server, web server or even set up an additional LAN or home network; all on one PC without the need for extra add-in cards.

CPU

- Support Intel® Core 2 Quad, Core 2 Duo Extreme, Core 2 Duo, Pentium® D and Pentium® 4 processors with 1066/800MHz FSB
- Support Intel® 2006 FMB Conroe CPU

Chipset

- Intel® 975X / Intel® ICH7R Express Chipset



SPEC.PDF



[AW9D-MAX Tour](#)

Optional W-Fi Accessories



AirPace
Wi-Fi
Power in PC's Wireless Technology



- **Memory**
 - 4 X 240-pin DIMM sockets support max. memory capacity 8GB
 - Supports Dual channel DDR2 800/667 Un-buffered / Non-ECC memory
- **Graphics**
 - Supports Dual PCI-Express X16 slots (dual ATI® CrossFire™ Graphics)
- **LAN**
 - On-board Dual PCI-E Gigabit LAN controller supports 10/100/1000M Ethernet
- **Audio**
 - abit AudioMAX™ HD 7.1 CH
 - Supports Jack Sensing and S/PDIF In/Out
 - Dolby® Master Studio Certificated
- **Expansion Slots**
 - 2x PCI-EX16, 2x PCI-EX1, 1 x PCI, 1x AudioMAX™
- **Internal I/O**
 - 1 x Floppy port, 1 x UDMA 100/66/33 connector,
 - 7 x SATA 3Gb/s connectors
 - 2 x USB 2.0 headers, 2 x IEEE1394 headers
 - 1 x FP-Audio header, 1 x CD-IN
- **Back Panel I/O**
 - 1 x PS/2 Keyboard, 1 x PS/2 Mouse
 - 4 x USB 2.0, 2 x RJ-45 LAN,
 - 1 x eSATA
- **Serial ATA**
 - ICH7R: 4 x [SATA 3Gb/s](#) supports Intel® Matrix Storage SATA RAID 0/1/0+1/5
 - ICH7R: Support SATA AHCI, providing native command queuing and native hot plug & play
 - Silicon Image:3132: 4 x [SATA 3Gb/s](#), two SATA connectors of the same area can support SATA RAID 0/1
- **IEEE 1394**
 - 2 ports IEEE1394a at 400 Mb/s transfer rate
- **RoHS**
 - 100% lead-free process and [RoHS compliant](#)
- **Form Factor**
 - ATX form factor 305 x 245mm
 - PCB Color: Black & Blue
- **abit Engineered**
 - [abit µGuru™ Technology](#)
 - [abit AudioMAX™ HD 7.1 CH](#)
 - [abit Silent OTES™ 2 Technology](#)
 - Quick Power & Reset Buttons
 - Back-light Blue LEDs
 - Low ESR and high ripple conductive polymer aluminum solid capacitors

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 Giga [Overclocking!](#) 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.



AudioMax™

Independent [audio](#) solution that plugs into the [motherboard](#). Reduces the noise interference of high frequency signals. Outstanding [audio](#) quality with [optical S/PDIF In/Out](#) support.



µGuru Clock Support

abit's [µGuru Clock](#) allows you to access and select system performance for your system while playing [games](#), listening to [music](#), browsing the internet or using office applications in full screen mode without needing to stop or close the application you are running. In addition [µGuru Clock](#) displays [overclocking](#) settings, [hardware](#) monitoring status, room temperature, debug code and warning notice, even notifies you of new Skype/MSN/e-mail messages and also allows you to power on or off your [PC](#). All from its convenient LCD display.

OC Strips

Description:

Special copper strips designed to spread heat away from key components

Purpose:

Keeps your system cool by extracting heat from the back of the PCB.

PWM Design & Placement

Special [PWM](#) layout and placement as well as higher and wider heatsinks above the [PWM](#) efficiently reduce temperature. In addition there are plenty of Solid state capacitors around the high frequency CPU ensure a sufficient and stable power supply.

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Model	Logo	Media	Country	Award	Date
AW9D-MAX		3DItalia	Italy	Best Hardware	2007/01/19
AW9D-MAX		Hardware Zone	Singapore	Top 100 Products of 2006	2007/01/01
AW9D-MAX		ComputerDIY	Taiwan	採購推薦獎	2007/01/01
AW9D-MAX		PC Games Hardware	Germany	Top Product	2006/12/08
AW9D-MAX		The Game Machine	Italy	Best Buy	2006/11/22
AW9D-MAX		Pro-Clockers	USA	Highly Recommended	2006/11/10
AW9D-MAX		Driver Heaven	USA	Gold	2006/11/05
AW9D-MAX		Tech Power Up	Germany	Editor's Choice	2006/11/05
AW9D-MAX		Hexus	UK	Extreme Recommended	2006/10/11
AW9D-MAX		Viper Lair	Canada	Editor's Choice	2006/10/06
AW9D-MAX		Tweak Town	USA	Best Performance	2006/10/05

[AW9D-MAX](#)



[Hardware
Zone](#)

Singapore

Silver

2006/10/04

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