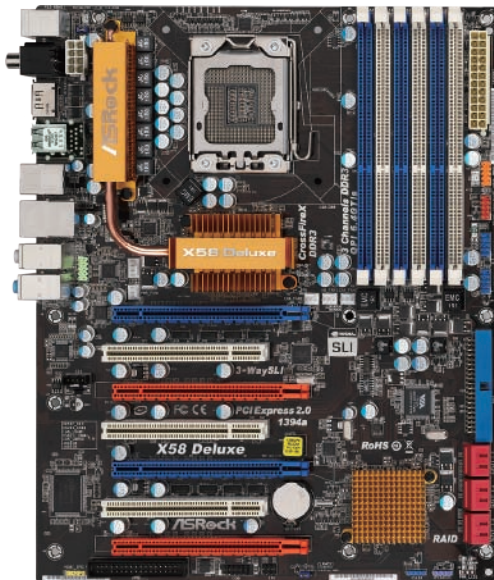


X58 Deluxe3

Intel® X58 + ICH10R Chipsets

ASRock®
www.asrock.com



Detail Specification

Platform	- ATX Form Factor: 12.0-in x 9.6-in, 30.5 cm x 24.4 cm - All Solid Capacitor design (100% Japan-made high-quality Conductive Polymer Capacitors)
CPU	- Intel® Socket 1366 Core™ i7 Processor Extreme Edition / Core™ i7 Processor Supports Intel® Dynamic Speed Technology - System Bus up to 6400 MT/s; Intel® QuickPath Interconnect - Supports Hyper-Threading Technology - Supports Intel® Overclocking Technology - Supports EM64T CPU
Chipset	- Northbridge: Intel® X58 - Southbridge: Intel® ICH10R
Memory	- Triple Channel DDR3 memory technology - 6 x DDR3 DIMM slots - Supports DDR3 2000(OC)/1866(OC)/1600(OC)/1333(OC)/1066 non-ECC, un-buffered memory - Supports DDR3 ECC, buffered memory with Intel® Workstation 1S Xeon® processors 3500 series - Max. capacity of system memory: 24GB - Supports Intel® Extreme Memory Profile (XMP)
Expansion Slot	- 4 x PCI Express 2.0 x16 slots (blue @ x8 / x16 mode, orange @ x8 / N/A mode) (Double-wide slot spacing between each PCI-E slot) - 3 x PCI slots - Supports ATI™ Quad CrossFireX™, 3-Way CrossFireX™ and CrossFireX™ - Supports NVIDIA® Quad SLI™, 3-Way SLI™ and SLI™
Audio	- 7.1 CH HD Audio with Content Protection - DAC with 110dB dynamic range (ALC890 Audio Codec) - Premium Blu-ray audio support
LAN	- PCIe x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111DL - Supports Wake-On-LAN
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Coaxial SPDIF Out Port - 1 x Optical SPDIF Out Port - 6 x Ready-to-Use USB 2.0 Ports - 1 x Powered eSATAII/USB Connector - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - 1 x IEEE 1394 Port - HD Audio Jack: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
Connector	- 6 x SATAII 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 10, RAID 5 and Intel® Matrix Storage), NCQ, AHCI and Hot Plug functions - 1 x ATA133 IDE connector (supports 2 x IDE devices) - 1 x Floppy connector - 1 x IR header - 1 x COM port header - 1 x HDMI SPDIF header - 1 x IEEE 1394 header - CPU/Chassis/NB/Power FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - CD in header - Front panel audio connector - 3 x USB 2.0 headers (support 5 USB 2.0 ports)
BIOS Feature	- 8Mb AMI BIOS - AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support - CPU, DRAM, NB, SB, VTT Voltage Multi-adjustment - Supports I. O. T. (Intelligent Overclocking Technology) - Supports Smart BIOS
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version) ASRock Software Suite (CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial)
Unique Feature	- ASRock OC Tuner - Intelligent Energy Saver - Instant Boot - ASRock Instant Flash - ASRock OC DNA - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis/NB/Power Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
OS	- Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant
Certifications	- FCC, CE, WHQL
Accessories	- 2 x ASRock XFire_Bridge_3S Cards - 1 x ASRock SLI_Bridge_3S Card - 1 x ASRock 3-Way SLI_Bridge Card - 1 x ASRock SATA3 Card - 1 x ASRock USB 3.0 Card - Quick Installation Guide, Support CD, I/O Shield - Floppy/ATA 133 Cables - 4 x SATA Data Cables (Optional) - 2 x SATA 1 to 1 Power Cables (Optional) - 1 x LED lead (Optional)

Product Brief

- ASRock DuraCap (2.5 x longer life time), 100% Japan-made high-quality Conductive Polymer Capacitors
- Supports Triple Channel DDR3 2000(OC)
- Supports NVIDIA® Quad SLI™, 3-Way SLI™ and SLI™
- Supports ATI™ Quad CrossFireX™, 3-Way CrossFireX™ and CrossFireX™
- 4 x PCI Express 2.0 x16 slots (Double-wide slot spacing between each PCI-E slot)
- 1 x Powered eSATAII/USB Connector
- Supports ASRock Instant Boot, Instant Flash, OC Tuner, IES, OC DNA
- 7.1 CH HD Audio (ALC890 Audio Codec), Premium Blu-ray audio support
- Free Bundle: CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial
- Free Bundle: 2 x ASRock XFire_Bridge_3S Cards, 1 x ASRock SLI_Bridge_3S Card, 1 x ASRock 3-Way SLI_Bridge Card, 1 x ASRock SATA3 Card, 1 x ASRock USB 3.0 Card

The specification is subject to change without notice. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.

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X58

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4 double-wide spacing PCIE x 16 Gen2 slots
Perfect for double side VGA cards

Triple Channel DDR3 2000(OC) Memory

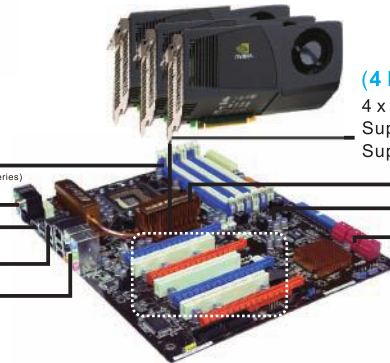
(Supports ECC, buffered memory with Intel® Workstation 1S Xeon® processors 3500 series)

Coaxial / Optical SPDIF Out Port

Power eSATA/USB connector

IEEE1394 Port

7.1 CH HD Audio, ALC890



(4 Double-Wide spacing PCIE x16 Gen2 slots)

4 x PCI Express 2.0 x16 slots

Supports NVIDIA® Quad SLI™, 3-Way SLI™ and SLI™

Supports ATI™ CrossFireX™, up to Quad CrossFireX™



ASRock **USB 3.0** card



Ultimate Data Transfer Speed

10X Super Speed

USB 3.0 5 Gb/s

USB 2.0 1X 480 Mb/s

Delivering data transfer rates up to ten times faster than USB 2.0 with optimized power efficiency, USB 3.0 card features super speed at 5 Gb/s.

Upgrade Flexibility

Utilizing the new generation USB 3.0 interface, ASRock USB 3.0 card includes much advantages, such as higher data transfer speed, and more flexible to adopt in different ASRock motherboards.



ASRock **SATA3** card

Provide 2 SATA3 devices and World's only eSATA3 device connectivity.



Ultimate Data Transfer Speed

Maximum your hard disk drive performance with SATA Revision 3.0. ASRock SATA3 card enables the incredible data transfer rate up to 6 Gb/s speed over SATA2.

SATA 1 1.5 Gb/s

SATA2 3 Gb/s

SATA3 6 Gb/s

Upgrade Flexibility

Utilizing the new generation SATA3 interface, ASRock SATA 3 card incorporates with lots advanced features which not only provides you a higher data transfer speed but also allows more flexibility to adopt in different ASRock motherboards.



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The Excellent Design & Placement of PCI-E slots

4 PCI-E double-wide spacing slots

NVIDIA® SLI™ Family
3-way SLI™ SLI™

ATI™ CrossFireX™ Family
Excellent heat dissipating design Quad CrossFire™

Exclusive Design

Traditional design

eSATA I



eSATA port for eSATA HD

- Needs additional power source
- Only 1 interface

New design

Power eSATA/USB connector



Powered eSATA connection For eSATA/USB portable hard disk

- No need additional power source
- Dual eSATA/USB interfaces

Better!

Premium Blu-ray Audio



Premium Blu-ray Audio, an outstanding technology developed on ASRock motherboard, provides the excellent audio output of 24-bit/192 kHz with its respective Blu-ray DRM compatible driver/software. With Content Protection-Support and High SNR DAC, the Blu-ray entertainments can be played in a high quality of 24-bit/192kHz. In other words, if you are using a device without the Blu-ray Audio support, the audio quality will be downgraded to 16-bit/48kHz like a regular CD quality. To deliver the best possible sound solution for today's most demanding users, ASRock Premium Blu-ray Audio motherboard is the best choice for users who are particularly desired to enjoy the pure HD audio. ASRock users are able to take full advantages of our Blu-ray Audio motherboards. Choose ASRock, choose Pure HD audio!

Why ASRock?



* SNR: Signal-to-Noise Ratio.

Benefits of ASRock Premium Blu-ray Audio motherboards !

	ASRock Premium Blu-ray Audio motherboards	Other motherboards
Content Protection Support	Yes	No
SNR* DAC	High	Low
Audio Quality	Premium Blu-ray Audio Quality (24-bit / 192 kHz)	Downgrade to regular CD quality (16-bit / 48 kHz)

* SNR: Signal-to-Noise Ratio.

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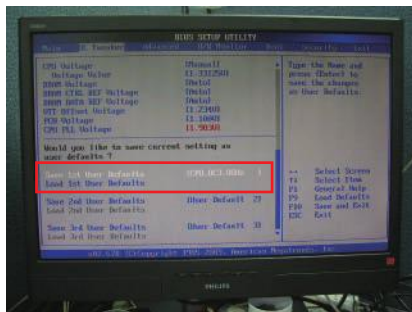
OC DNA

Save your OC settings as a profile and share with friends. Try OC DNA now!

OC DNA Instruction

Step 1

Save your BIOS OC settings as User Default in BIOS OC Tweaker menu. (For example: we name this User Default setting as "CPU_OC3.8GHz")



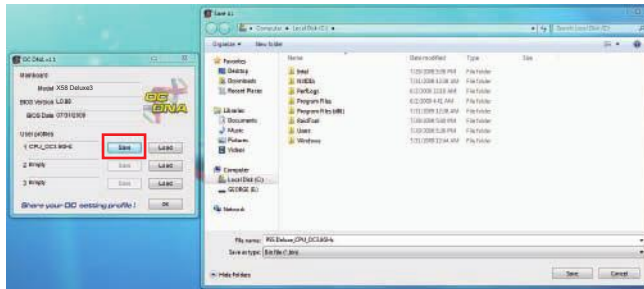
Step 2

Execute ASRock OC DNA under OS, you will find "CPU_OC3.8GHz" as User Profile 1.



Step 3

Press "Save" button to save the "CPU_OC3.8GHz" OC settings as a profile.



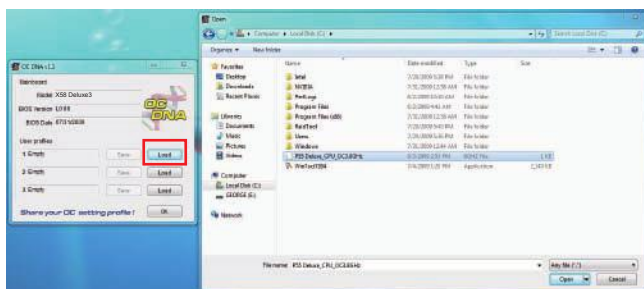
Step 4

Send the "CPU_OC3.8GHz" profile to other friends.



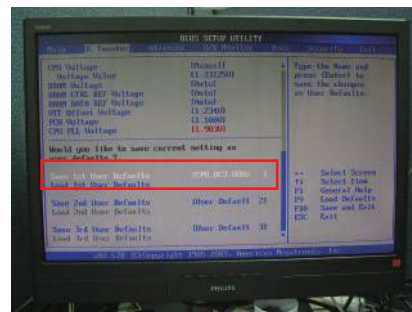
Step 5

When the friend receives your "CPU_OC3.8GHz" profile, he can press "Load" to load the "CPU_OC3.8GHz" profile in OC DNA.



Step 6

After that, the friend can enter into BIOS OC Tweaker menu to load the "CPU_OC3.8GHz" profile as his BIOS OC settings.



Now, you have successfully share your OC setting profile with your friends.

*The OC DNA works only when users use the same motherboard and BIOS version.

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ASRock Instant Boot



ASRock Instant Boot is a new feature invented exclusively by ASRock. It can boot up system in an amazing speed, which is 10 times faster than traditional boot up. For home users or office PC users, ASRock Instant Boot can also guarantee a clean Windows OS, and consumed less power! For details: <http://www.asrock.com/feature/InstantBoot/index.asp>

- * This function is applicable ONLY to single user that does not secure ID and Password to their systems.
- * The boot up time depends on the hardware configuration.

10 Times Faster, Only 4 Secs to Boot Up to Windows!

ASRock YouTube

<http://tw.youtube.com/watch?v=BucljXZVxXo>



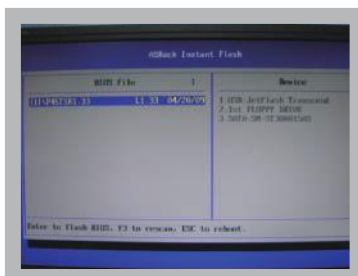
ASRock Instant Flash

ASRock Instant Flash is an exclusive and the most user-friendly BIOS flash utility developed by ASRock. It is embedded in Flash ROM which is used to update the system BIOS without having to enter operating systems like MS-DOS or Windows.



Features

Once executing ASRock Instant Flash, the utility will automatically detect all devices such as USB, hard disk or even floppy drive to find the exact BIOS for your system. Instead of giving you all BIOS in your devices, the Instant Flash just list BIOS versions that apply to your motherboard model only. For example, if you have many different BIOS of different motherboards saved in your devices, but you just need to flash your P45 motherboard, the Instant Flash will just list the P45 BIOS versions for you. This unique function allows you to easily select the suitable BIOS version instead of browsing through all data.



Instant Flash just list BIOS versions that apply to your motherboard model.

Simple!



Click and start Flashing!

Quick!

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- ★ CyberLink Power2Go 6.1 LE OEM
- ★ CyberLink MediaShow 4.1 SE OEM
- ★ CyberLink PowerDVD 8.0 DTS Trial
- ★ CyberLink PowerDirector 8.0 Trial
- ★ CyberLink PowerBackup 2.5 Trial
- ★ Creative Sound Blaster X-Fi MB Trial

CyberLink



CyberLink Power2Go 6.1 LE OEM

Power2Go 6 lets you burn and backup videos, photos, music and data onto Blu-ray Discs and DVDs.

CyberLink MediaShow 4.1 SE OEM

Photo and video management software MediaShow edits videos and photos instantly, creates slideshow, and allows publishing directly to YouTube and Flickr.

CyberLink PowerDVD 8.0 DTS Trial

World-renowned PowerDVD 8 DTS delivers outstanding DVD movie playback quality on your PC.

CyberLink PowerDirector 8.0 Trial

PowerDirector - Video Editing software – edits high-definition videos including AVCHD, allows output to PSP iPod and Blu-ray Disc.

CyberLink PowerBackup 2.5 Trial

PowerBackup backs up valuable data on your PC.

Creative Sound Blaster X-Fi MB Trial

The Sound Blaster X-Fi MB solution provides premium audio quality, effects and features for PC systems equipped with onboard audio.

For gamers, the EAX® ADVANCED HD 4.0, with its state-of-the-art Multi-Environment rendering and reverb modelling, delivers a much more realistic and immersive 3D gaming experience than your motherboard audio ever will.