

P5B-DE

Intel® P965+ ICH8 Chipsets

ASRock
www.asrock.com



Featuring the Intel® P965 Express Chipset



FSB 1333

PCIe GLAN



Product Brief <<<

- Compatible with all FSB1333/1066/800/533MHz

CPUs

- PCIe x1 Gigabit LAN, 1 x IEEE 1394 Port

- Supports ASRock Instant Boot, Instant Flash, OC Tuner, Smart BIOS, Intelligent Energy Saver, OC DNA

- 7.1 CH Windows® Vista™ Premium Level HD

Audio (VIA® VT1708S Audio Codec with Qsound function)

Detail Specification <<<

| | |
|-------------------------|---|
| Platform | - ATX Form Factor: 12.0-in x 8.0-in, 30.5 cm x 20.3 cm |
| CPU | - LGA 775 for Intel® Core™ 2 Extreme / Core™ 2 Quad / Core™ 2 Duo / Pentium® Dual Core / Celeron® Dual Core / Celeron®, supporting Penryn Quad Core Yorkfield and Dual Core Wolfdale processors - Compatible with all FSB1333/1066/800/533MHz CPUs - Supports Hyper-Threading Technology - Supports Untied Overclocking Technology - Supports EM64T CPU |
| Chipset | - Northbridge: Intel® P965 - Southbridge: Intel® ICH8 |
| Memory | - Dual Channel DDR2 memory technology - 4 x DDR2 DIMM slots - Supports DDR2 800/667/533 non-ECC, un-buffered memory - Max. capacity of system memory: 8GB |
| Expansion Slot | - 1 x PCI Express x16 slot - 2 x PCI Express x1 slots - 3 x PCI slots |
| Audio | - 7.1 CH Windows® Vista™ Premium Level HD Audio (VIA® VT1708S Audio Codec) |
| 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 IEEE 1394 Port - 6 x Ready-to-Use USB 2.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone |
| Connector | - 4 x SATAII 3.0 Gb/s connectors (No support for RAID and "Hot Plug" functions) - 1 x ATA133 IDE connector (supports 2 x IDE devices) - 1 x Floppy connector - 1 x Print port header - 1 x COM port header - 1 x HDMI_SPDIF header - CPU/Chassis/Power FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - CD in header - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports) |
| BIOS Feature | - 4Mb 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 Smart BIOS |
| Support CD | - Drivers, Utilities, AntiVirus Software (Trial Version) |
| 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/Power Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore |
| OS | - Microsoft® Windows® 2000 / XP / XP 64-bit / Vista™ / Vista™ 64-bit / Win7 compliant |
| Certifications | - FCC, CE, WHQL |
| Accessories | - Quick Installation Guide, Support CD, I/O Shield - ATA 133 Cable - 1 x SATA Data Cable (Optional) |

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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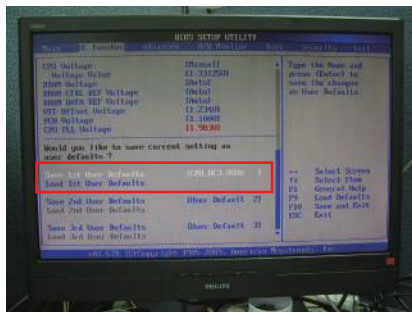
OC DNA

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")



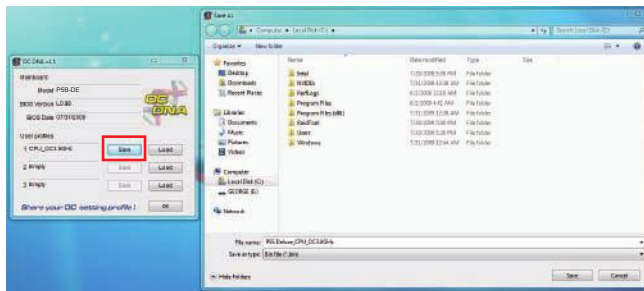
Step 2

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.



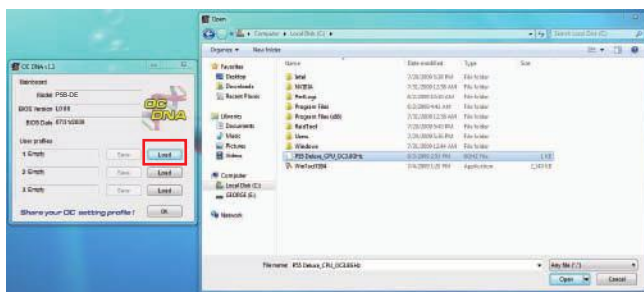
Step 4

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



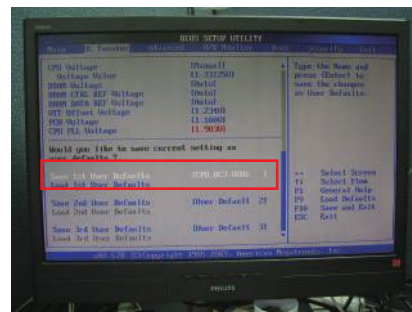
Step 5

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>



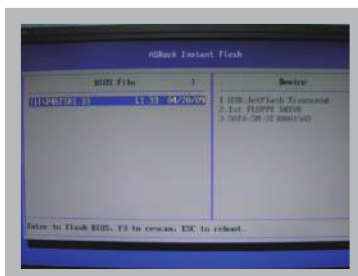
ASRock Instant Flash

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!