

SKILL F2-8500CL5D-4GBPK



The PK Series of G.SKILL F2-8500CL5D-4GBPK is a 4096MByte matched pair kit of DDR2 SDRAM DIMM. This model of memory provides excellent performance in the Dual-Channel DDR2-based motherboards. It has been tested comprehensively in multiple DDR2 motherboards to ensure compatibility and performance at its rated speed. This memory has been verified to operate at DDR2 1066 with latencies of 5-5-5-15 at 2.0-2.1 VDIMM.

SPECIFICATIONS

- 240-PIN DDR2 SDRAM DIMM
- DDR2 1066 / PC2 8500
- Latencies
 - 5-5-5-15 (CAS-TRCD-TRP-TRAS)
- Voltage 2.0-2.1v
- 4096 Megabytes of DDR2 memory
 - Two matched F2-8500CL5S-2GBPK
- SPD programmed at
 - JEDEC Standard latencies 5-5-5-15 at DDR2 800
- 8 Layers of PCB
- Lifetime Warranty

Every module is tested in G.SKILL's factory at the operating speed of DDR2 1066 with latencies 5-5-5-15 at 2.0 VDIMM. However, actual results may very depending on the overclocking ability of your other computer componets. G.SKILL may periodically update the part with new RAM versions of some greater performance. RAM used on the module may change without notice.



F2-8500CL5D-4GBPK has been tested on following motherboards.

Model	Chipset	2DIMM	4DIMM
Abit IP35, IP35-E, IP35-PRO	Intel P35	OK	OK
Abit IX38	Intel X38	OK	OK
Asus P5K Deluxe	Intel P35	OK	OK
Asus Maximus Formula	Intel X38	OK	OK
Asus Striker II Formula	nVidia 780i	OK	OK
Asus Rampage Formula	Intel X48	OK	OK
eVGA 780i-SLI	nVidia 780i	OK	OK
Gigabyte P35-DS3, EP35-DS3	Intel P35	OK	OK
Gigabyte X38-DS4, X38-DQ6, EX38-DQ6	Intel X38	OK	OK
Gigabyte X48-DQ6	Intel X48	OK	OK

G.SKILL does NOT recommend to run F2-8500CL5D-4GBPK on following motherboards.

Asus P965 Commando, Asus P965 P5B-Deluxe (Recommneds F2-8500CL5D-2GBPK)

Asus P5N-D (Recommends F2-8000CL5D-4GBPK)

4DIMM on any motherboard with NB nvidia 680i and 650i (Recommands 2DIMM only)

Abit IP35, IP35-E, IP35-PRO BIOS Setting

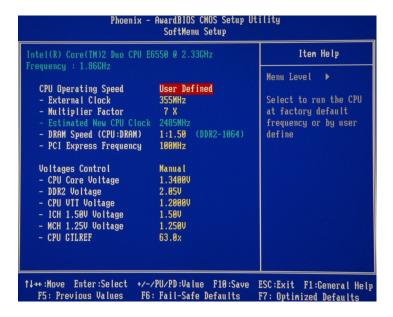


- For FSB 266 MHz CPU

Phoenix - AwardBIOS CMOS Setup Utility SoftMenu Setup			
Intel(R) Core(IM)2 Duo CPU E6550 @ 2.33GHz		Item Help	
- Estinated New CPU Clock - DRAM Speed (CPU:DRAM) - PCI Express Frequency Voltages Control - CPU Core Voltage - DDR2 Voltage - CPU VII Voltage - ICH 1.58V Voltage	User Defined 266MHz 7 X 1866MHz 1:2.80 (DDR2-1864) 180MHz Manual 1.3908V 2.05V 1.2000V 1.50V 1.250V 63.8x	Menu Level ▶ Select to run the CPU at factory default frequency or by user define	
†4++:Move Enter:Select +/-/ F5: Previous Values F6:	PU/PD:Value F10:Save Fail-Safe Defaults	ESC:Exit F1:General Help F7: Optimized Defaults	



- For FSB 333 MHz CPU





Abit IX38 Quad GT BIOS Setting

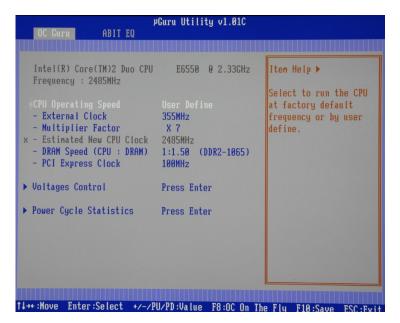


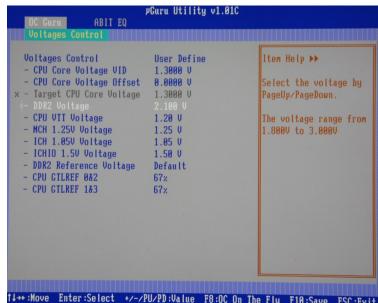
- For FSB 266 MHz CPU





- For FSB 333 MHz CPU

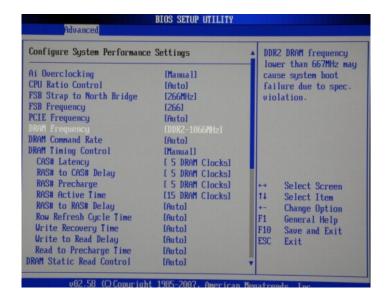




Asus P5K Deluxe Bios Setting

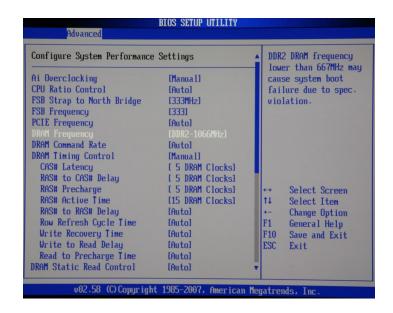


- For FSB 266 MHz CPU





- For FSB 333 MHz CPU

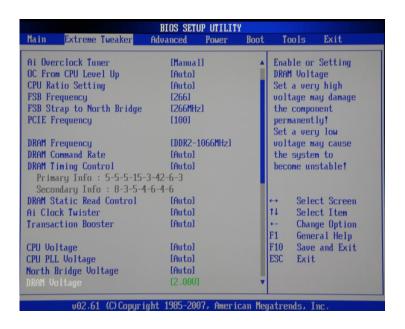




Asus Maximus Formula Bios Setting



- For FSB 266 MHz CPU



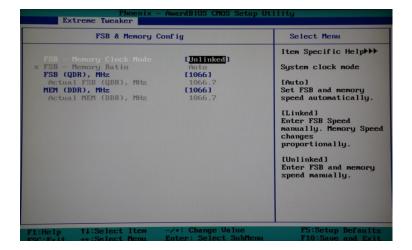
- For FSB 333 MHz CPU



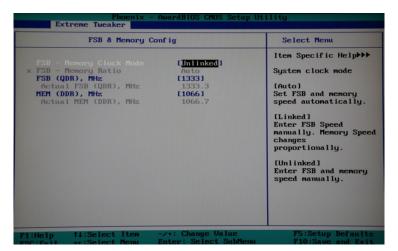
Asus Striker II Formula Bios Setting



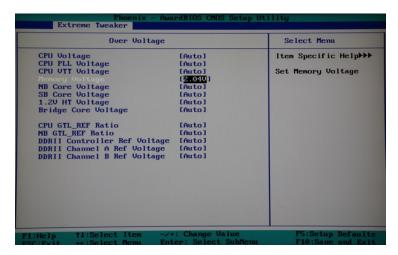
- For FSB 266 MHz CPU



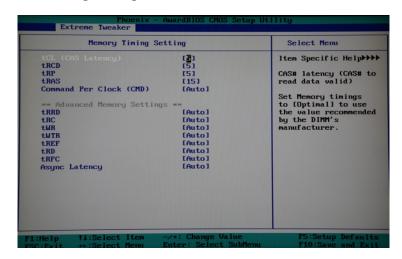
- For FSB 333 MHz CPU



- Voltage Setting



- Timing Setting



Asus Rampage Formula Setting

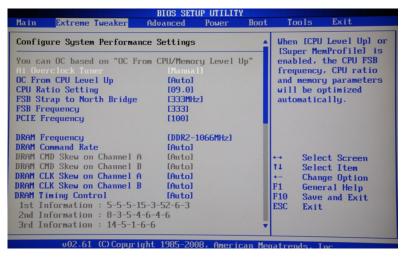


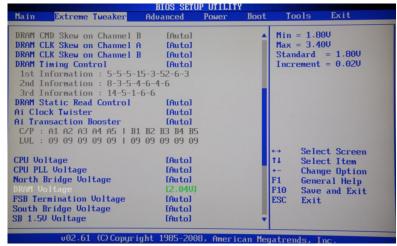
- For FSB 266 MHz CPU





- For FSB 333 MHz CPU



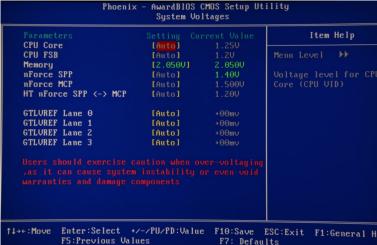




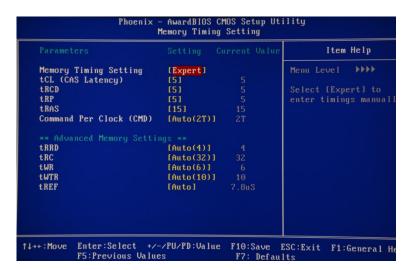
- For FSB 333 MHz CPU



- Memory Voltage



- Memory Timing

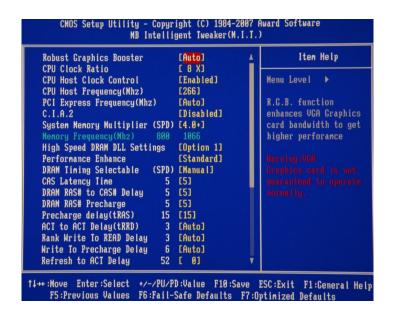


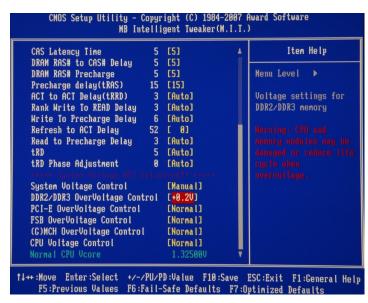
NOTE: For FSB 266 MHz CPU, please set FSB QDR MHz to 1066

Gigabyte P35 DS3 Bios Setting

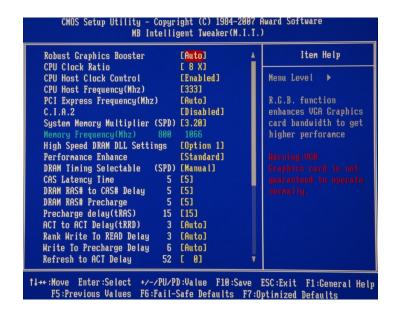


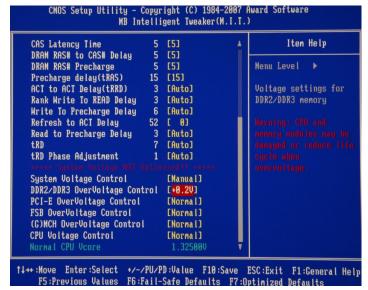
For FSB 266 MHz CPU





- For FSB 333 MHz CPU



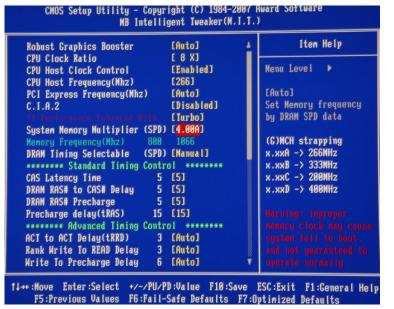


NOTE: For FSB 266 MHz CPU, please set FSB QDR MHz to 1066

Gigabyte X38 DS4 / DQ6 Bios Setting



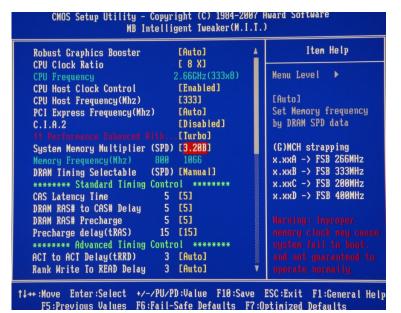
- For FSB 266 MHz CPU

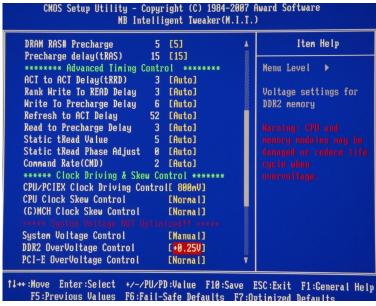




F5:Previous Values F6:Fail-Safe Defaults F7:Optimized Defaults

- For FSB 333 MHz CPU

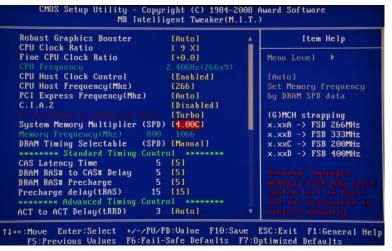




Gigabyte X48 DQ6 Bios Setting



- For FSB 266 MHz CPU





- For FSB 333 MHz CPU



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ity – Copyright (C) 1984–2008 A
MB Intelligent Tweaker(M.I.T.)
    Precharge delay(tRAS)
                                                                                 Item Help
    ACT to ACT Delay(tRRD)
                                             [Auto]
                                                                        Menu Level
    Rank Write To READ Delay
Write To Precharge Delay
Refresh to ACT Delay
                                              [Auto]
                                             [Auto]
                                                                        DDR2 memory
                                        52
                                             [Auto]
     Read to Precharge Delay
                                              [Auto]
    Static tRead Value
Static tRead Phase Adjust
                                              [Auto]
                                             [Auto]
    Command Rate(CMD)
                                             [Auto]
    CPU/PCIEX Clock Driving Control[ 800mV]
    CPU Clock Skew Control
                                              [Normal]
    (G)MCH Clock Skew Control
    System Voltage Control
                                              [Manual]
    DDR2 OverVoltage Control
    PCI-E OverVoltage Control
                                              [Normal
    FSB OverVoltage Control
                                              [Normal]
†4++: Move Enter: Select +/-/PU/PD: Value F10: Save ESC: Exit F1: General Help
F5: Previous Values F6: Fail-Safe Defaults F7: Optimized Defaults
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