



The PK Series of G.SKILL F2-8500CL5D-2GBPK is a 2048MByte matched pair kit of DDR2 SDRAM DIMM. This model of memory built with 8 layers PCB 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
- 2048 Megabytes of DDR2 memory
 - Two matched F2-8500CL5S-1GBPK
- 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-2GBPK 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 P5B Deluxe	Intel P965	OK	OK
Asus Commando	Intel P965	OK	OK
Asus P5B-E	Intel P965	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-2GBPK on following motherboards.

Asus P5N-D (Recommends F2-8000CL5D-2GBPK)

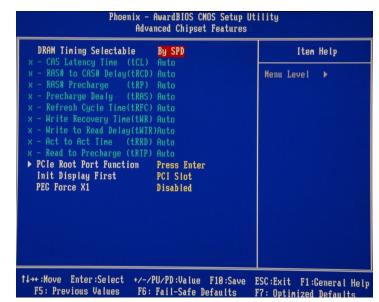
4DIMM on any motherboard with NB nvidia 680i and 650i (Recommands 2DIMM only)

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

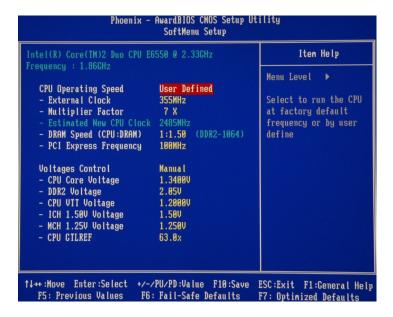


- For FSB 266 MHz CPU

Intel(R) Core(TM)2 Duo CPU E6550 @ 2.33GHz		Item Help	
- Estimated New CPU Clock - DRAM Speed (CPU:DRAM) - PCI Express Frequency Voltages Control - CPU Core Voltage - DDR2 Voltage - CPU VII Voltage - ICH 1.50V Voltage	User Defined 266MHz 7 X 1866MHz 1:2.00 (DDR2-1064) 100MHz Manual 1.3000V 2.05V 1.2000V 1.50V 1.250U 63.8x	Menu Level ▶ Select to run the CPU at factory default frequency or by user define	



- For FSB 333 MHz CPU



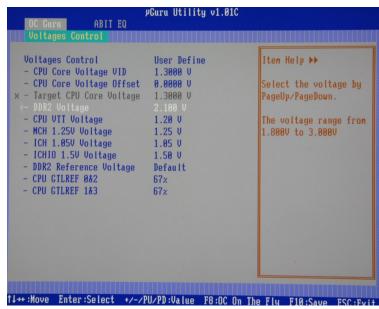


Abit IX38 Quad GT BIOS Setting

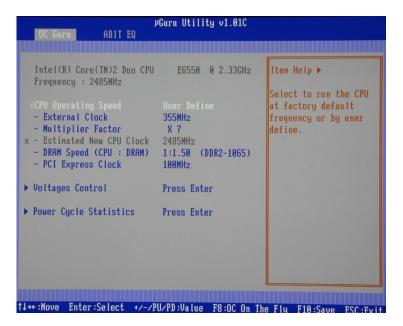


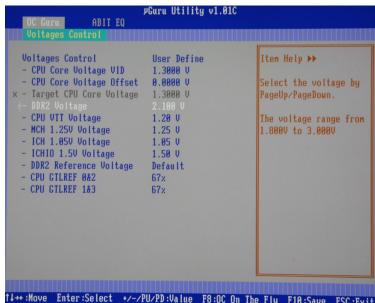
- For FSB 266 MHz CPU





- For FSB 333 MHz CPU

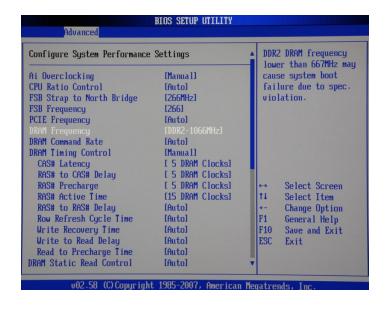




Asus P5K Deluxe Bios Setting

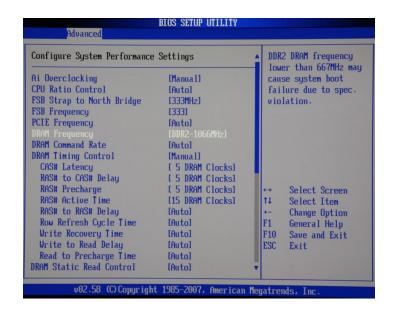


- For FSB 266 MHz CPU





- For FSB 333 MHz CPU

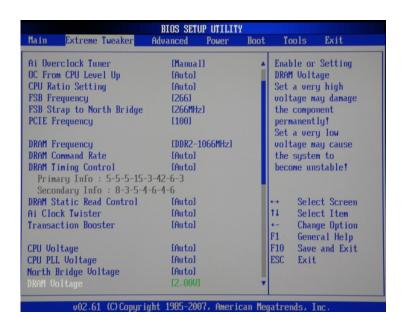




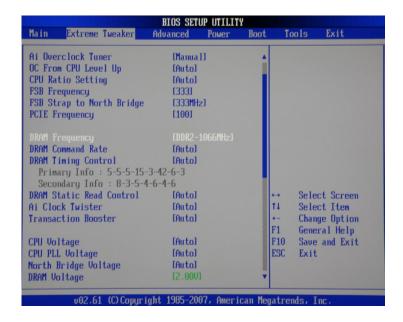
Asus Maximus Formula Bios Setting



- For FSB 266 MHz CPU



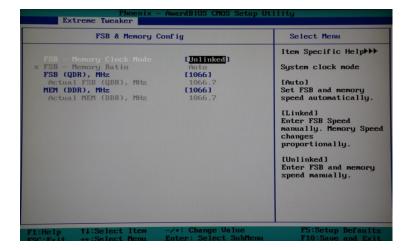
- For FSB 333 MHz CPU



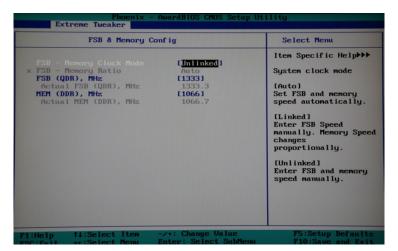
Asus Striker II Formula Bios Setting



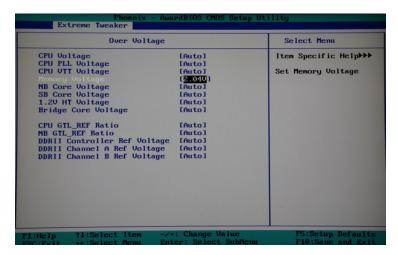
- For FSB 266 MHz CPU



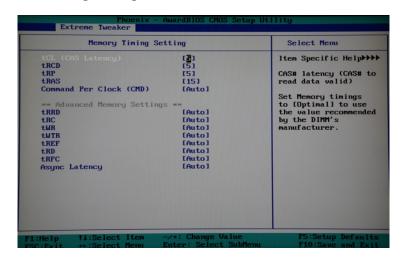
- For FSB 333 MHz CPU



- Voltage Setting



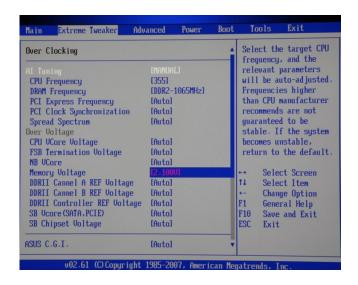
- Timing Setting



Asus Commando Bios Setting



- For FSB 266 and 333 MHz CPU





Asus P5B Deluxe Setting



- For FSB 266 MHz CPU





NOTE: For FSB 333MHz CPU, Please set CPU FSB Frequency to 355MHz.

Asus Rampage Formula Setting

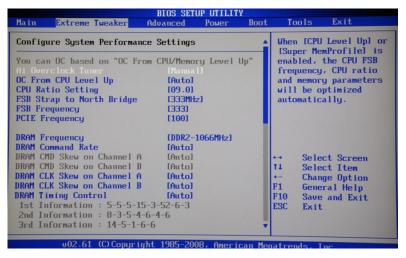


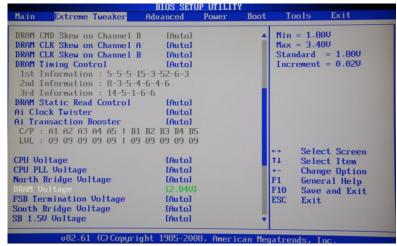
- For FSB 266 MHz CPU





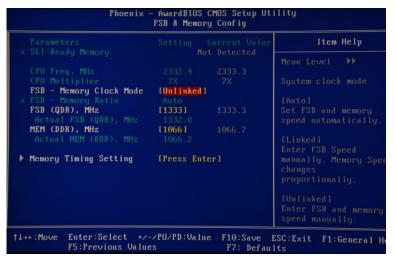
- For FSB 333 MHz CPU







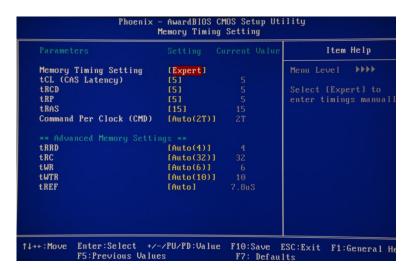
- For FSB 333 MHz CPU



- Memory Voltage

			Item Help
CPU Core	[Auto]		
CPU FSB	[Auto]		Menu Level
Memory	[2.050V]		
nForce SPP	[Auto]		Voltage level for
nForce MCP	[Auto]		Core (CPU VID)
HT nForce SPP <-> MCP	[Auto]	1.200	
GTLUREF Lane 0	[Auto]	+00mv	
GTLUREF Lane 1	[Auto]	+00m∪	
GTLUREF Lane 2	[Auto]	+00mu	
GTLUREF Lane 3	[Auto]	+00mv	

- Memory Timing

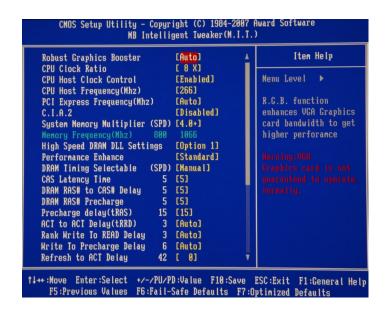


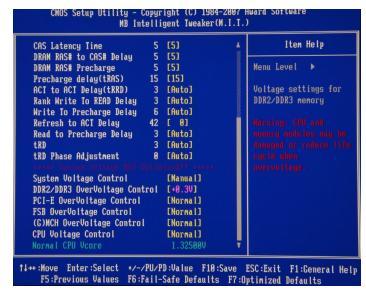
NOTE: For FSB 266 MHz CPU, please set FSB QDR MHz to 1066

Gigabyte P35 DS3 Bios Setting

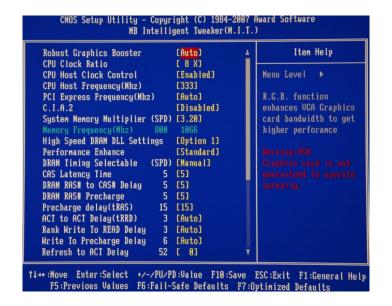


For FSB 266 MHz CPU





- For FSB 333 MHz CPU



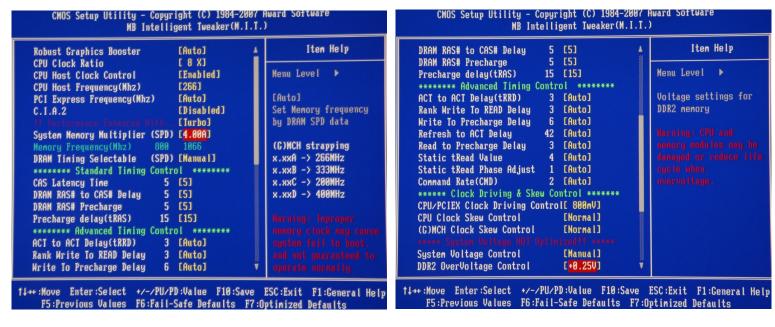


NOTE: For FSB 266 MHz CPU, please set FSB QDR MHz to 1066

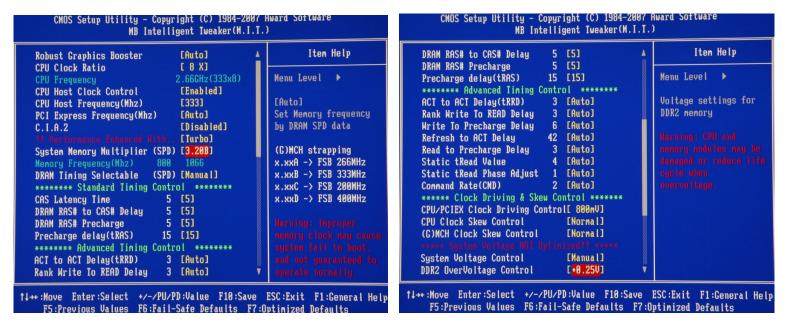
Gigabyte X38 DS4 / DQ6 Bios Setting



- For FSB 266 MHz CPU



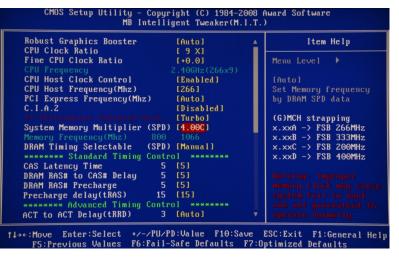
- For FSB 333 MHz CPU

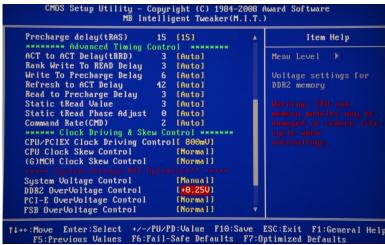


Gigabyte X48 DQ6 Bios Setting

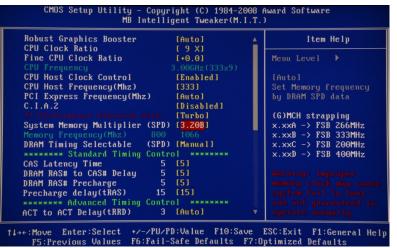


- For FSB 266 MHz CPU





- For FSB 333 MHz CPU



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ity - Copyright (C) 1984-2008 Award Software
MB Intelligent Tweaker(M.I.T.)
                                                 15 [15]
                                                                                                  Item Help
     Precharge delay(tRAS)
                                   Timing Control
     ACT to ACT Delay(tRRD)
                                                       [Auto]
                                                                                        Menu Level
    ACT to ACT Delay(tRRD)
Rank Write To READ Delay
Write To Precharge Delay
Refresh to ACT Delay
Read to Precharge Delay
Static tRead Value
Static tRead Phase Adjust
Command Rate(CMD)
                                                       [Auto]
                                                                                        Voltage settings for
                                                       [Auto]
                                                       [Auto]
                                                       [Auto]
                                                       [Auto]
     CPU/PCIEX Clock Driving Control[ 800mU]
CPU Clock Skew Control [Normal]
     (G)MCH Clock Skew Control
                                                        [Normal]
     System Voltage Control
                                                        [Manual]
     DDR2 OverVoltage Control
                                                       [Normal]
     PCI-E OverVoltage Control
     FSB OverVoltage Control
                                                       [Normal]
†1++: 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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