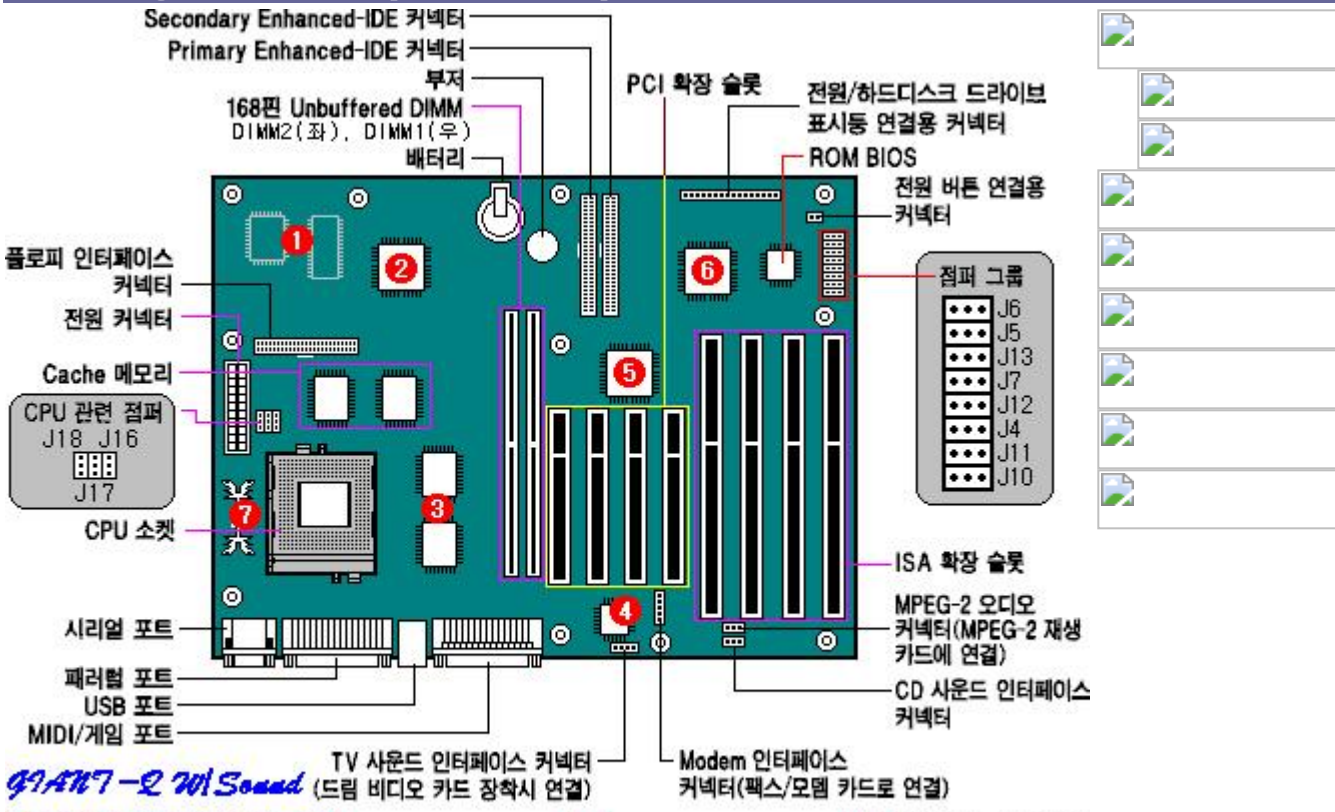


# GIANT-Q Main Board(with sound)



- GIANT-Q With Sound**
- 1** WaveTable 자원 Chip
  - 2** PCiset SB82437VX
  - 3** PCiset SB82438VX
  - 4** CRYSTAL CS4237B
  - 5** PCiset SB82371SB
  - 6** SMC FDC37C932FR
  - 7** CPU Voltage Generator

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## GIANT-Q (With Sound) Jumper Settings

### Main board jumper setting (CPU TYPE)

CPU TYPE	J16	J17	J18
Pentium P54C, P54CS, AMD-K5	2-3	2-3	2-3
Pentium P55C(MMX), Cyrix M1(6X86L)	1-2	1-2	1-2

### Main board jumper setting (CPU CLOCK: Pentium P54C, P54CS, P55C)

CPU CLOCK	J10	J11	J4	J12
100MHz	1-2	1-2	1-2	2-3
120MHz	2-3	2-3	2-3	2-3
133MHz	1-2	1-2	2-3	2-3
150MHz	2-3	2-3	2-3	1-2
166MHz	1-2	1-2	2-3	1-2
200MHz	1-2	1-2	1-2	1-2
233MHz	1-2	1-2	1-2	2-3

### Main board jumper setting (CPU CLOCK: Cyrix M1(6X86L))

CPU CLOCK	J10	J11	J4	J12
Cyrix M1(6X86L), PR150	2-3	2-3	2-3	2-3
Cyrix M1(6X86L), PR166	1-2	1-2	2-3	1-2

### Motherboard jumper setting (CPU CLOCK: AMD-K5)

CPU CLOCK	J10	J11	J4	J12
AMD-K5, PR120	2-3	2-3	2-3	2-3
AMD-K5, PR133	1-2	1-2	2-3	2-3
AMD-K5, PR166	1-2	1-2	2-3	1-2

### Main board jumper setting (\* : Factory setting state (can be changed))

PASSWORD	used*	not used
J13	1-2	2-3
CMOS CLER	not used*	Used
J5	1-2	2-3
CMOS SETUP	Available*	can not be used
J7	1-2	2-3
FDD Write Protect	can not be used*	Available
J6	1-2	2-3

## GIANT-Q(With Sound) CPU

### Features \_

Supported CPUs:	Intel Pentium P54C(S), 75/ 90/ 100/ 120/ 133/ 150/ 166/ 200MHz
	Intel Pentium P55C(MMX) 166/200/233 MHz
	AMD-K5 PR 120/PR133/PR150/PR166
	Cyrix M1 PR150/PR166(6X86L,Core 2.8V, I/O 3.3V)
socket :	Comes with 321-pin Socket 7
Clock Speed:	50/60/66 MHz
Other :	P54CTB(Pentium OverDrive Processor)

## GIANT-Q (With Sound) memory settings

### cache memory settings

type:	Divided into 256KB/512KB according to model type
expansion:	Main board replacement processing through A/S

### main memory

type:	JEDEC 168-Pin 3.3V Unbuffered DIMM Type Module (SDRAM)
socket:	Provides two 168-pin 3.3V Unbuffered DIMM type module sockets
Volume:	8MB,16MB,32MB,64MB (Currently unsupported) (Caution: Capacity over 64MB only supports Double Bank module)
expansion:	up to 128MB
Double Bank module:	#RAS signal is two, and one DIMM module is a memory composed of two banks. (Single bank memory is not supported, and as it is judged that there is no double bank memory manufacturer at present, there is a possibility of filing a claim, so be careful)

## How to install

memory size	Bank 0 (DIMM1)	Bank 2,3 (DIMM2)	
8M	8M	--	
16M	8M	8M	
16M	16M	--	
24M	16M	8M	
32M	16M	16	
32M	32M	--	
40M	32M	8M	
48M	32M	16M	
64M	32M	32M	
64M (unavailable)	64M (Double)	--	
72M (unavailable)	64M (Double)	8M	
80M (unavailable)	64M (Double)	16M	
96M (unavailable)	64M (Double)	32M	
128M (unavailable)	64M (Double)	64M (Double)	

# GIANT/+P/Q(With Sound) Main B/D CMOS SETUP

Press the DEL key during booting

Level 1	Step 2	Step 3	Step 4	selection option
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Setup

Type

Not / 1~45 / User / Auto / CDROM

Pri Master

Standard

	LBA/Large Mode	On, Off
	Block Mode	On, Off
	32Bit Mode	On, Off
	PIO Mode	Auto, 0 to 5
Pri Slave	Type	Not / 1~45 / User / Auto / CDROM
	LBA/Large Mode	On, Off
	Block Mode	On, Off
	32Bit Mode	On, Off
Sec Master	PIO Mode	Auto, 0 to 5
	Type	Not / 1~45 / User / Auto / CDROM
	LBA/Large Mode	On, Off
	Block Mode	On, Off
Sec Slave	32Bit Mode	On, Off
	PIO Mode	Auto, 0 to 5
	Type	Not / 1~45 / User / Auto / CDROM
	LBA/Large Mode	On, Off
Date/Time		date, time setting
Floppy A		Not / 360K 5.¼/ 1.2M 5¼ /
Floppy B		720KB 3½ / 1.44M 3½ / 2.88M 3½

<b>Advanced</b>	DreamSYS Logo	: Disable	Disable, Enable
	Quick Boot	: On	Disable, Enable
	BootUp Sequence	: C:,A:,CD	C:,A:,CDROM/ A:,C:,CDROM/ CDROM,A:,C:
	BootUp Num-Lock	: OFF	On, Off
	Floppy Drive Swap	: Disabled	Disabled, Enabled
	PS/2 Mouse Support	: Enable	Disabled, Enabled
	Primary display	: VGA/EGA	Absent, VGA/EGA, CGA
	Password Checking	: Always	Setup, Always
	OS/2 Compatible Mode	: Disabled	Disabled, Enabled
	External Cache	: Enable	Disabled, Enabled
	System BIOS Cacheable	: Disabled	Disabled, Enabled
	C000,C400,16K Shadow	: Disabled	Disabled, Enabled
	C800,CC00,D000...DC00,16K Shadow	: Enable	Disabled, Enabled
	<b>Chipset</b>	PCI VGA Palette Snoop	: Disabled
	USB Function	: Disabled	Disabled, Enabled
<b>Power Ctrl</b>	Wake-up Scheduler	:Enabled	Disabled, Enabled
	(This item does not exist in Giant-P/Q.)		
	Wake-up Ring	: Enabled	Disabled, Enabled
	(Giant-P/Q에서는 이 항목이 존재하지 않음.)		
	Power Management/APM	: Win 95	Disabled, Win 95, Other
	Hard Disk Power Down in SUSPEND	: Enabled	Disabled, Enabled
	Standby Timeout(Minute)	: Disabled	Disabled, 5, 10, 15, 20
	Suspend Timeout(Minute)	: Disabled	Disabled, 30, 40, 50, 60
	IRQ3	: Monitor	Monitor, Ignore
	IRQ4	: Monitor	Monitor, Ignore
	IRQ5	: Ignore	Monitor, Ignore
	IRQ7	: Ignore	Monitor, Ignore
	IRQ9	: Ignore	Monitor, Ignore
	IRQ10	: Ignore	Monitor, Ignore
IRQ11	: Ignore	Monitor, Ignore	

<b>PCI/PnP</b>	Plug and Play Aware O/S	: No	No, Yes
	DMA 0 Used By ISA	: No	No, Yes
	DMA 1 Used By ISA	: No	No, Yes
	DMA 3 Used By ISA	: No	No, Yes
	DMA 5 Used By ISA	: No	No, Yes
	DMA 6 Used By ISA	: No	No, Yes
	DMA 7 Used By ISA	: No	No, Yes
	IRQ 3 Used By ISA	: No	No, Yes
	IRQ 4 Used By ISA	: No	No, Yes
	IRQ 5 Used By ISA	: No	No, Yes
	IRQ 7 Used By ISA	: No	No, Yes
	IRQ 9 Used By ISA	: No	No, Yes
	IRQ 10 Used By ISA	: No	No, Yes
	IRQ 11 Used By ISA	: No	No, Yes
<b>Peripheral</b>	OnBoard FDC	:Enabled	Disabled, Enabled
	OnBoard Serial Port 1	: Auto	Auto, Disabled, 3F8H, -
	OnBoard Serial Port 2	: Auto	3E8H, 2F8H, 2F8H
	OnBoard Parallel Port	: Auto	Auto, Manual
	Parallel Port Mode	: EPP	Normal/Bi-d, EPP, ECP
	EPP Version	: V1.9	V1.7, V1.9
	Parallel Port IRQ	: Auto	Auto, IRQ5, IRQ7
	Parallel Port DMA Channel	: N/A	N/A, 0, 1, 3
	OnBoard IDE	: Both	Disabled, Primary, Secondary, Both
OnBoard Sound	: Enable	Disabled, Enabled	
<b>Utility</b>	<b>Detect IDE</b>	Primary IDE 커넥터에 연결된 하드 디스크 드라이브 용량을 자동으로 감지 함(Secondary IDE 커넥터에 연결된 하드는 설정 없이 자동 인식)	
	<b>Color Set</b>	Sky, Army, Pastel, LCD	셋업 화면 색깔 선택
<b>Security</b>	<b>Supervisor</b>	영 숫자 6자리까지 입력 가능(모두 설정 가능)	
	<b>User</b>	영 숫자 6자리까지 입력 가능(Advanced, Use, Color set만 설정 가능)	
	<b>Anti-Virus</b>	바이러스의 보호 기능, 하드의 부트 섹터에 Write 방지 기능	
<b>Default</b>	<b>Original</b>	셋업 변경 전의 단계로 수정 함	
	<b>Optimal</b>	최적 환경으로 자동 설정 기능(Standard, Utility, Password는 변경 안됨)	