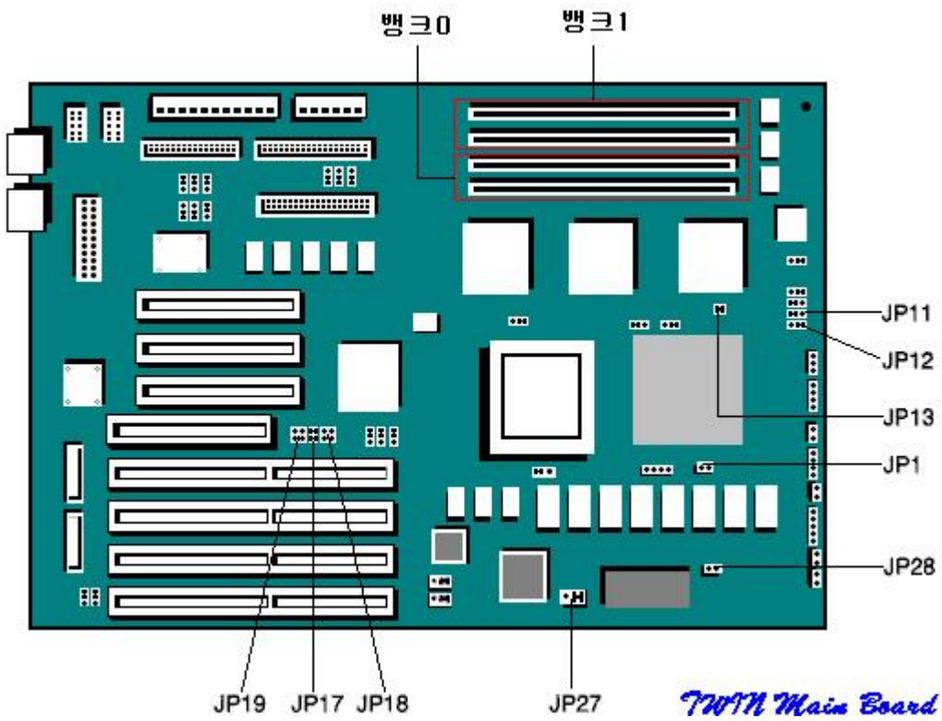
TWIN Main Board



업그레이드
CPU확장
메모리확장
점퍼 설정
Cmos Setup
FAQ
Board History
Download

[Back to Previous]

TWIN jumper settings

setting contents	jumper	setting	function
	JP1	IN	WRITE THROUGH
		OUT	WRITE BACK
ADDRESS PIPELINING SUPPORT JUMPER SETTINGS	JP13	IN	Using Address Pipelining
		OUT	Disable Address Pipelining
Clear CMOS RAM contents	JP28	IN	CMOS RAM Clear
		OUT	Do not Clear CMOS RAM
set password	JP27	1-2	When using a password
		2-3	If no password is used

Cache memory capacity setting

type:	SOJ type		
speed:	15ns		
expansion:	Up to 256 KB		
jumper	0KB	128KB	256KB
J11	1-2	1-2	2-3
J12	1-2	2-3	2-3

Twin Supportable CPU

Supports the following SPGA type CPUs

- Intel P54C(Pentium) 90MHz, 3.3V
- P54CT(OverDrive Processor), 3.3V

TWIN memory settings

Cache memory capacity setting

type:	SOJ type
speed:	15ns
expansion:	Up to 256 KB

main memory

type:	72-pin SIMM module
speed:	70ns
Volume:	Available in 1MB, 2MB,4MB,8MB,16MB,32MB
	-Single Density SIMM Module : 1MB, 4MB, 16MB
	-Double Density SIMM Module : 2MB, 8MB, 32MB
expansion:	up to 128MB

How to install

When installing two memories to [Bank 0 and Bank 1] (or [Bank 2 and Bank 3]), SIMM modules of the same type must be installed. [Memory capacity] installed in [Group A] must be greater than memory capacity in [Group B].

memory size	bank 0		bank 1	
	(SIMM1)	(SIMM2)	(SIMM3)	(SIMM4)
16M	4M	4M	4M	4M
	8m	8m	--	--
18M	1M	1M	8m	8m
20M	2m	2m	8m	8m
24M	4M	4M	8m	8m
32m	8m	8m	8m	8m
	16M	16M	--	--
34m	1M	1M	16M	16M
36m	2m	2m	16M	16M
40M	4M	4M	16M	16M
48M	8m	8m	16M	16M
64M	16M	16M	16M	16M
	32m	32m	--	--
66m	1M	1M	32m	32m
68M	2m	2m	32m	32m
72m	4M	4M	32m	32m
80M	8m	8m	32m	32m
96M	16M	16M	32m	32m
128M	32m	32m	32m	32m

TWIN Main B/D CMOS SETUP

use key	
Mouse click	Point/Select item
Tab	Select window
Enter	Select item
Esc	Return to previous level
Alt+H	Help
Alt+Space	Global exit
Curser keys	Usual meaning

Press the DEL key during booting

Level 1	Step 2	Step 3		selection option
Setup	**Standard**	Date/Time		date, time setting
		Floppy A		Not / 360K 5.¼, 1.2M 5.¼ / 720KB ½ / 1.44M ½
		Floppy B		Not / 360K 5.¼, 1.2M 5.¼ / 720KB ½ / 1.44M ½
		Master Disk		Not / 1~46 / User / ESDI / SCSI
		Slave Disk		
	Advanced	Quick Boot	:Disabled	Disabled, Enabled
		Primary Display	:VGA/EGA	
		System Boot CPU Speed	:High	
		System Boot Up Sequence	:A:, C:	A: then C:, C: then A:
		System keyboard	:Present	
		System Boot Up Num Lock	:On	On, Off
		Typematic Rate(Chars/Sec)	:30	
		PS/2 Mouse Support	:Enable	Disabled, Enabled
		Password Checking	:Setup	Setup, Always
		Cache Memory	:Both	Disabled, Internal, Both
		Adapter Shadow Cacheable		Enabled, Disabled
		System BIOS Shadow Cacheable		Enabled, Disabled
		ISA Video ROM C000, 32K		Enabled, Disabled
		ISA Adapter ROM C800(CC00,D000,		
		D800,DC00), 16K		
		ISA Bus Master Installed		Yes. No
		ISA VGA Frame Buffer Size		Disabled, 1MB, 2MB, 4MB
		PCI VGA Palette Snooping		Enabled, Disabled
	Adv HDD	IDE Block Mode	:Auto	Disabled, 2,4,8,16,32,64 S/B(Sector/Block), Auto
		IDE 32bit Transfer	:Enabled	Enabled, Disabled
		Primary Master LBA Mode	:Enabled	Enabled, Disabled
		Primary Slave LBA Mode	:Disabled	Enabled, Disabled
		Secondary Ctrl Drive Present	:None	
		Secondary Master LBA Mode	:Enabled	Enabled, Disabled
		Secondary Slave LBA Mode	:Enabled	Enabled, Disabled
		PCI IDE Card Present in		
		PCI IDE IRQ Connected to		
	Power Mgmt	Power Management	:Enabled	Enabled, Disabled
		Video Power Down	:Enabled	Enabled, Disabled
		Timeout Value	:15 Min	12min~75min
	Peripheral	Programming Mode	:Auto	Manual, Auto
		Floppy swap A: B:	:Enabled	Enabled, Disabled
		OnBoard FDC	:Enabled	Enabled, Disabled
		OnBoard PCI IDE	:Enabled	Enabled, Disabled
		Serial Port 1	:3F8H	Disabled, 3F8H, 3E8H, 2E8H, 2F8H
		Serial Port 2	:2F8H	Disabled, 3F8H, 3E8H, 2E8H, 2F8H
		Parallel Port	:378H	Disabled, 378H, 3BCH, 278H

		Parallel Port Mode	:Normal	Normal, Extended
Utility	**DetectMaster**	Automatically increases the capacity of the hard disk drive (C:, D:) connected to the Primary IDE connector.		
	DetectSlave	(Hard drive connected to Secondary IDE connector is automatically recognized without setting)		
	Color Set	Set-up screen color selection		
Security	**Password**	최대 6자리까지 입력 가능		
	Anti-Virus	부트 섹터에 Virus 감염이나 다른 테이타 엑세스가 'Write'되는 것을 막음		
Default	**Original**	셋업 변경 직전의 단계로 수정 함		
	Optimal	최적의 환경으로 자동 설정 기능(Standard, Utility, Password는 변경 안됨)		
	Fail-safe	사용자가 시스템을 사용하기 위한 가장 안정된 값을 자동으로 설정		