

Normal Connectors

CN1	Keyboard Connector
CN2	Power Connector
CN3	External Battery Connector
CN4	Front Panel Connector
CN5	Speaker Connector
CN6	Turbo Switch Connector
CN7	Reset Connector
CN8	Turbo LED Connector

Jumper

JP3: Monitor type selector, ON : Color, Off : Normal
JP1: Battery Selector, 1-2 : Normal, 2-3 : RTC Discharge

JP14: CPU Clock Selector

	20 MHz	25 MHz	33 MHz	40 MHz	50 MHz
JP14(1)	OFF	ON	ON	ON	OFF
JP14(2)	OFF	OFF	ON	ON	OFF
JP14(3)	OFF	OFF	ON	OFF	ON

VESA Bus Setup

JP17: 1-2 : <= 33 MHz, 2-3 : > 33 MHz
JP16: 1-2 : 0 Wait, 2-3 : 1 Wait

JP18, JP19, JP20 CPU Type Selector

	486DX/DX2	486SX	487SX	P24T
JP18	1-2	OFF	2-3	1-2
JP19	OFF	OFF	OFF	ON
JP20	1-2, 3-4	2-3	1-2, 3-4	1-2, 3-4

JP5-JP9 : Cache Size Selector

	64K	128K	256K
JP5	1-2	2-3	2-3
JP6	X	1-2	2-3
JP7	2-3	1-2	2-3
JP8	1-2	1-2	2-3
JP9	1-2	2-3	2-3

JP10 : CPU Version Selector

1-2 : Normal, 2-3 : for 80486 New Version
JP2, JP11-JP13, JP15, JP21, JP28 : For Factory Setting & Testing Purpose Only.

Jumpers and Connectors

CN2 : Power Connector

Pin	Assignments
1	Power Good
2	+5V DC
3	+12V DC
4	-12V DC
5	Ground
6	Ground
7	Ground
8	Ground
9	-5V DC
10	+5V DC
11	+5V DC
12	+5V DC

CN4 : Front Panel (Power LED and Keylock) Connector

Pin	Assignments
1	+5V DC
2	KEY
3	Ground
4	Keylock
5	Ground

CN6 : Turbo Switch Connector

Pin	Assignments
1	+5V DC
2	Turbo input
3	Ground

CN8 : Turbo LED Connector

Pin	Assignments
1	Cathode
2	Anode

CN5 : Speaker Connector

Pin	Assignments
1	Data Out
2	Ground
3	Ground
4	+5V DC

CN7 : Reset Connector

Pin	Assignments
1	Reset input
2	Ground

CN3 : External Battery Connector

Pin	Assignments
1	+6V DC
2	KEY
3	Ground
4	Ground

CN1 : Keyboard Connector

Pin	Assignments
1	Keyboard clock
2	Keyboard data
3	Spare
4	Ground
5	+5V DC

Installation of RAM

There are no jumpers for the DRAM configuration. The BIOS will test the DRAM type and size automatically. All you need to do is just plug in the SIMM DRAM. There are two banks of memory (Bank0 - Bank1) on the system board, each consisting of 4 pcs. of SIMM DRAM. The SIMM DRAM can be 256Kx9, 1Mx9 or 4Mx9 modules. The following combinations are possible:

Bank1 SM8-SM5	Bank0 SM4-SM1	Total
	256KB	1 MBytes
256KB	256KB	2 MBytes
	1 MB	4 MBytes
1 MB	1 MB	8 MBytes
4 MB	1 MB	20 MBytes
	4 MB	16 MBytes
4 MB	4 MB	32 MBytes

Note: When using two different sizes of DRAM, make sure that only one size is used in any one bank at a time, and that the smaller of the two, if both banks are used, goes into Bank0, and the larger in Bank1.

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