



## 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 :  $\leq$  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
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**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**

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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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