

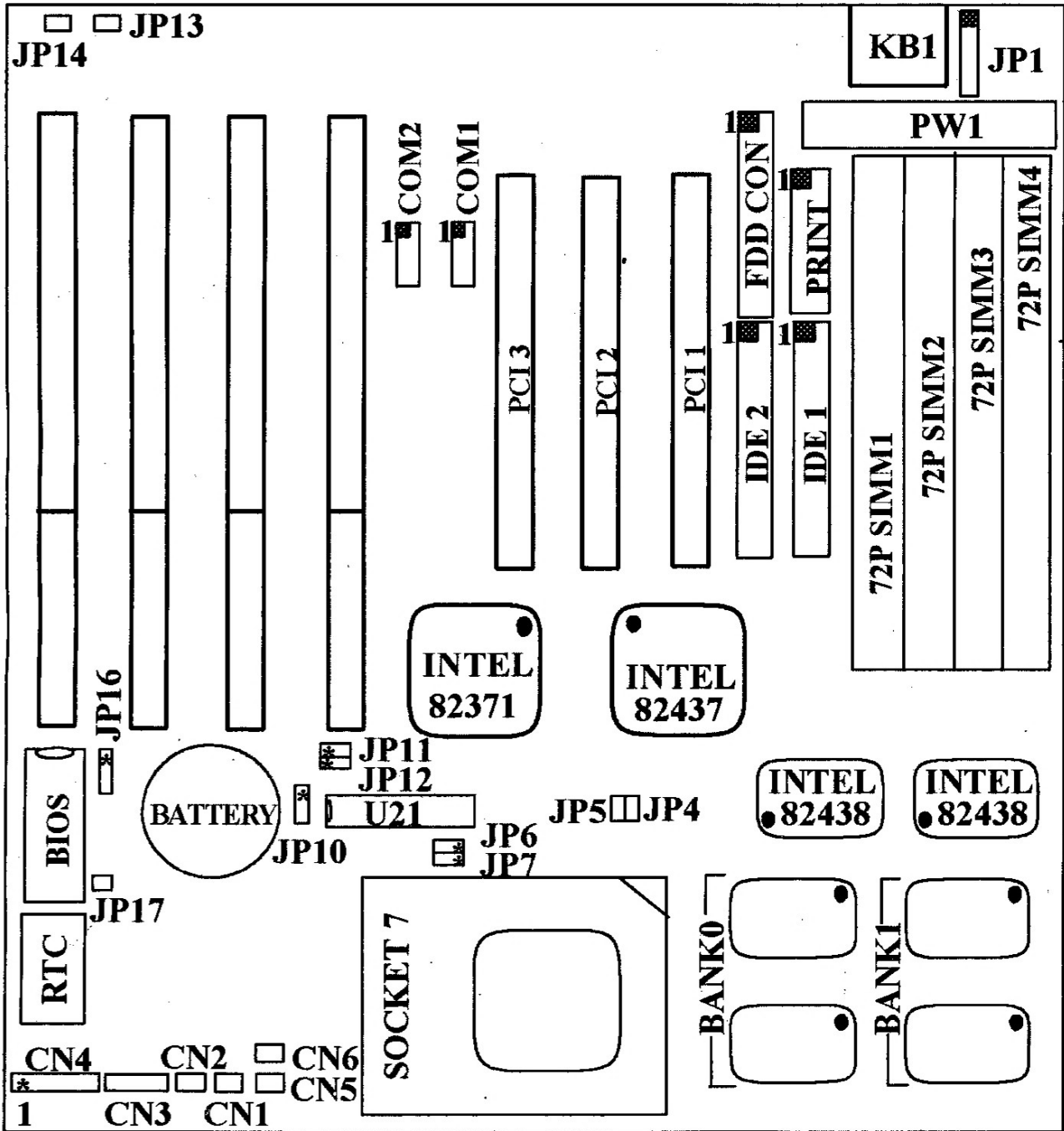
## CHAPTER 1. FEATURES

### 1-1 SPECIFICATIONS

<b>CPU</b>	: INTEL / CYRIX / AMD 75 - 200 MHz..... CPUs (SPECIALLY SUPPORTS CYRIX P133+ CPU).
<b>MEMORY</b>	: 4 X 72-PIN SIMM UP TO 128M BYTES, EDO DRAM SUPPORTED.
<b>EXP. SLOT</b>	: 4 X ISA AND 3 X PCI SLOTS.
<b>CHIPSET</b>	: INTEL 82437FX SYSTEM CONTROLLER INTEL 82371FB PCI ISA IDE XCELERATOR. INTEL 82438FX PENTIUM DATA PATH UNIT.
<b>CACHE SIZE</b>	: <b>BURST/PIPELINED SRAM 256K/512K.</b>
<b>BIOS</b>	: AWARD BIOS.
<b>I/O FUNCTION</b>	: ON BOARD 2 x PCI IDE DEVICES , 1 x FDC , 2 x SERIAL PORTS(16550 FAST COM),1x PARALLEL PORT DEVICE /EPP/ECP.
<b>BOARD SIZE</b>	: 22 CM x 25 CM.
<b>GREEN FUNCTION</b>	: YES

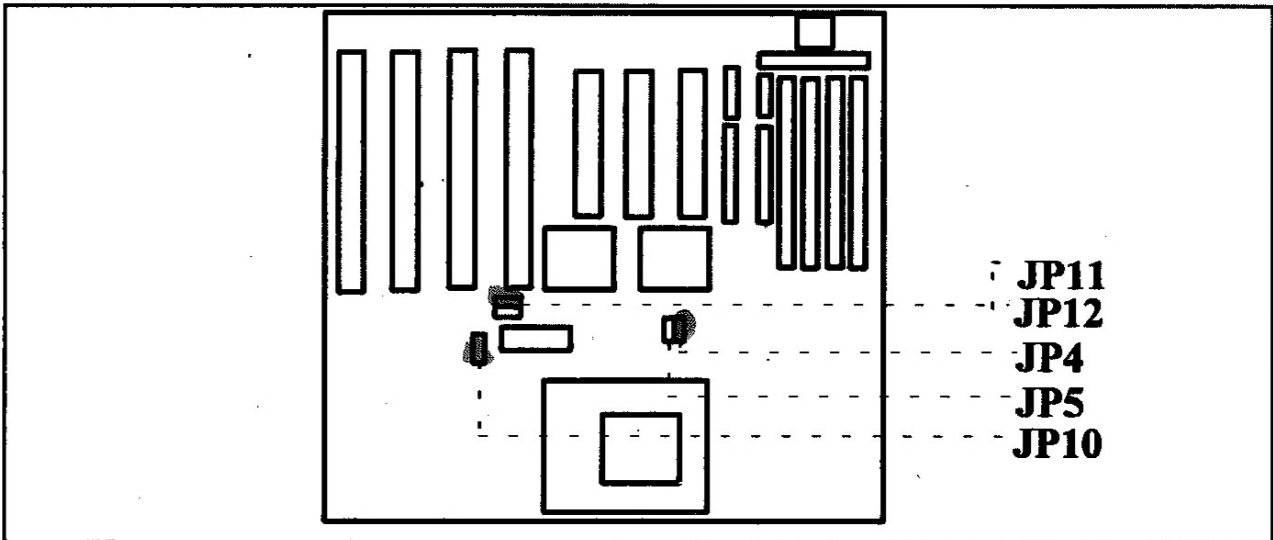
CHAPTER 2. INSTALLATION

2-1 LAYOUT REFERENCE



- CN1 : HDD LED
- CN2 : RESET
- CN3 : SPEAKER
- CN4 : KEYLOCK
- CN5 : TERBO LED
- CN6 : TURBO SWITCH

**2-2 PENTIUM PI JUMPER SETTINGS**



1. JP4, JP5, JP10-JP12 : INTEL/CYRIX /AMD CPU CLOCK SELECTOR  
(RED/ YELLOW JUMPER CAP)

CPU SPEED	CLOCK SPEED	RATIO	JP4	JP5	JP10	JP11	JP12
INTEL 75 MHZ AMD 5K86 -P75	(50MHZ)	1.5	ON	ON	1-2	1-2	1-2
CYRIX P120 +	(50MHZ)	2	ON	ON	1-2	1-2	2-3
CYRIX P133 +	(55MHZ)	2	OFF	OFF	2-3	1-2	2-3
INTEL 90 MHZ AMD 5K86 -P90	(60MHZ)	1.5	ON	OFF	2-3	1-2	1-2
INTEL 100 MHZ AMD 5K86 - P100	(66MHZ)	1.5	OFF	ON	2-3	1-2	1-2
INTEL 120 MHZ AMD 5K86 - P120 CYRIX P150 +	(60MHZ)	2	ON	OFF	2-3	1-2	2-3
INTEL 133 MHZ AMD 5K86 - P133 CYRIX P160 +	(66MHZ)	2	OFF	ON	2-3	1-2	2-3
INTEL 150 MHZ	(60MHZ)	2.5	ON	OFF	2-3	2-3	2-3
INTEL 166 MHZ	(66MHZ)	2.5	OFF	ON	2-3	2-3	2-3
INTEL 180 MHZ	(60MHZ)	3	ON	OFF	2-3	2-3	1-2
INTEL 200 MHZ	(66MHZ)	3	OFF	ON	2-3	2-3	1-2

3. JP14 : MONITOR TYPE SELECTOR (BLACK JUMPER CAP)

	COLOR	MONOCHROME
<b>JP14</b>	OFF (DEFAULT)	ON

4. JP17 : BATTERY SELECTOR (BLACK JUMPER CAP)

	NORMAL	CLEAR CMOS
<b>JP17</b>	OFF (DEFAULT)	ON

☞ **IF YOU FORGET PASSWORD, YOU MUST CLEAR CMOS RAM AND RECONFIGURE THE SYSTEM.**

5. JP13 : PS/2 MOUSE SELECTOR (BLACK JUMPER CAP)

	ENABLED	DISABLED
<b>JP13</b>	ON	OFF

☞ **PS/2 MOUSE CABLE IS OPTIONAL, THE PIN #1 OF CABLE IS YELLOW COLOR.**

6. JP6,JP7 : CACHE RAM SIZE SELECTOR (BLACK JUMPER CAP)

JUMPER	TAG RAM	CACHE SIZE
JP6,JP7 (1-2)	16K/32KX8	512K
JP6,JP7 (2-3)	8K/32KX8	256K

7. OTHER JUMPER SETTINGS AND CONNECTORS :

- JP1** : PS/2 MOUSE CONNECTOR.
- CN1** : ONBOARD HDD LED CONNECTOR.
- CN3** : SPEAKER CONNECTOR.
- CN4** : KEYLOCK CONNECTOR.
- CN2** : RESET CONNECTOR
- FDD** : FLOPPY DISK CONNECTOR .
- PRINT** : PARALLEL PORT CONNECTOR.
- COM1** : SERIAL PORT 1 CONNECTOR.
- COM2** : SERIAL PORT 2 CONNECTOR.
- IDE1** : PRIMARY IDE CONNECTOR.
- IDE2** : SECONDARY IDE CONNECTOR

**2-3 MEMORY CONFIGURATION**

There are no jumpers for the DRAM configuration. The BIOS will test the DRAM type and size automatically. There are two banks(\*) from SIMM1 to SIMM4 on main board. Please follow SIMM1, then 2,3,4 to install memory(\*\*). DRAM speed must be 70ns or faster. Both types of DRAM SIMM with parity (x36) or non-parity (x32) are acceptable.

SIMM1	SIMM2	SIMM3	SIMM4	TOTAL
4MB	4MB	---	---	8MBytes
4MB	4MB	4MB	4MB	16MBytes
8MB	8MB	---	---	16MBytes
4MB	4MB	8MB	8MB	24MBytes
8MB	8MB	4MB	4MB	24MBytes
8MB	8MB	8MB	8MB	32MBytes
16MB	16MB	---	---	32MBytes
16MB	16MB	4MB	4MB	40MBytes
8MB	8MB	16MB	16MB	48MBytes
16MB	16MB	8MB	8MB	48MBytes
16MB	16MB	16MB	16MB	64MBytes
32MB	32MB	---	---	64MBytes
4MB	4MB	32MB	32MB	72MBytes
8MB	8MB	32MB	32MB	80MBytes
32MB	32MB	8MB	8MB	80MBytes
16MB	16MB	32MB	32MB	96MBytes
32MB	32MB	16MB	16MB	96MBytes
32MB	32MB	32MB	32MB	128MBytes

**(\*) EACH BANK CONTAINS TWO SIMM SOCKETS AND MUST BE INSTALLED BY TWO EXACT SAME SIMMs.**

**(\*\*) OR FOLLOW THE SIMM 4, 3, SIMM 2, 1 TO INSTALL SIMMs SINCE THIS BOARD HAS " AUTO-BANK " FEATURE.**