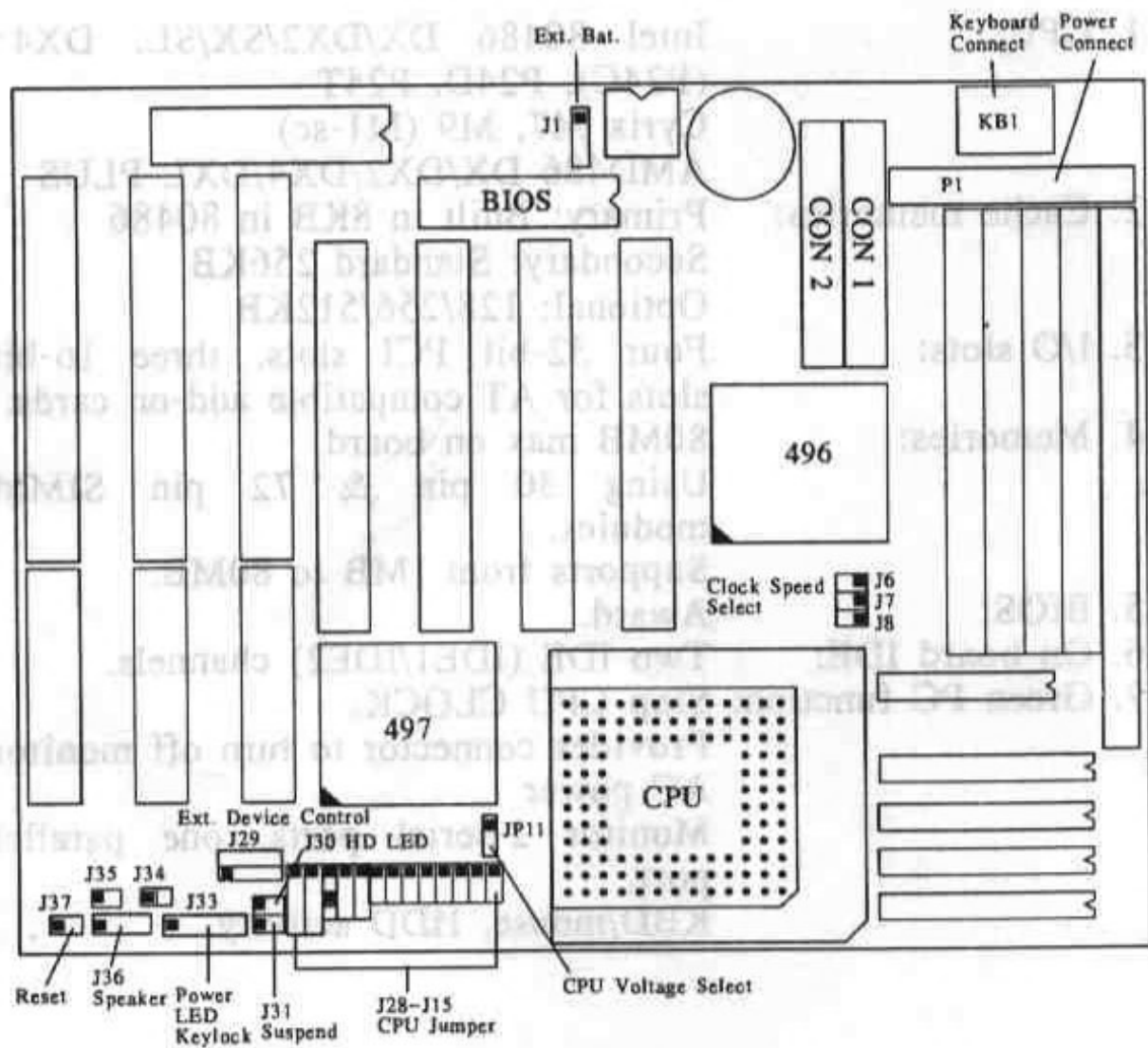

Chapter 1

System Board Overview

1.1 The Mainboard specifications

1. CPU: Intel 80486 DX/DX2/SX/SL, DX4* (P24C), P24D, P24T
Cyrix M7, M9 (M1-sc)
AMD486 DX/DX2/DX4/DXL PLUS
2. Cache memories: Primary: Built in 8KB in 80486
Secondary: Standard 256KB
Optional: 128/256/512KB
3. I/O slots: Four 32-bit PCI slots, three 16-bit slots for AT compatible add-on cards.
4. Memories: 80MB max on board
Using 30 pin & 72 pin SIMM modules.
Supports from 1MB to 80MB.
5. BIOS: Award.
6. On board IDE: Two IDE (IDE1/IDE2) channels.
7. Green PC function: Stop CPU CLOCK.
Provides connector to turn off monitor AC power
Monitor 2-serial ports, one parallel port,
KBD/mouse, HDD activity.

Hardware Configuration



J1: 1-4 External Battery Connect

2-3 Normal

3-4 Clear CMOS data

KB1: Keyboard Connect

P1: Power Connect

CON1: 1st IDE Connect

CON2: 2nd IDE Connect

J6~J8: Clock Speed Selection

Clock Speed	CPU Type	J6	J7	J8
25M	DX/SX-25 DX2-50	OFF	OFF	ON
33M	DX/SX-33 DX2-66 DX4-100	ON	ON	ON
40M	DX-40 DX2-80	OFF	ON	ON
50M	DX-50	ON	OFF	OFF

JP11: CPU Voltage Selection

1-2 5V

2-3 3.3V

J13: (C) J11 2-3 3.45V

J14: (C) J11 2-3 4V

J15~J28: CPU Selection

	J15	J16	J17	J19	J20	J21	J23	J24	J25	J26	J27	J28
486DX/DX2/DX4	2-3	0	2-3	0	0	0	0	1-2,3-4	0	0	0	0
486DXL/DX2L/DX4	2-3	2-3	2-3	0	0	0	3-4	1-2,3-4	0	S	1-2	4-5
486DX/DX2	0	0	2-3	0	0	0	0	2-3	0	0	0	0
486SXL/SX2L	0	2-3	2-3	0	0	0	3-4	2-3	0	S	1-2	4-5
M7	2-3	1-2	2-3	2-3	2-3	0	2-3	1-2,3-4	0	S	0	2-3
M7 DX2	2-3	1-2	2-3	2-3	2-3	0	2-3	1-2,3-4	S	S	0	2-3
M6	0	1-2	2-3	2-3	2-3	0	2-3	1-2,3-4	0	S	0	2-3
P24T	1-2	2-3	1-2	1-2	1-2	0	2-3	1-2,3-4	0	S	0	1-2
P24D	2-3	2-3	1-2	0	1-2	1-2	1-2,3-4	1-2,3-4	0	S	2-3	4-5

INTEL DX4	J18	AMD DX2/DX4	J22
X2.5	1-2	X2.5	1-2
X2	2-3	X2	2-3
X3	0	X3	0

J29: External Device Control Connect

J30: HD LED

J31: Suspend S/W

J33: Power LED & Keylock

J34: Turbo LED SW

J35: Turbo LED

J36: Speaker

J37: Reset

Chapter 3

Memory Configuration

System memory is added to the mainboard one 72-pin SIMM select & four 30-pin SIMM select on the mainboard. You can install SIMMs--with or without parity, single side or double side modules.

Note that there are no jumpers to set for memory configuration. The BIOS detects the type and size of SIMM modules installed automatically. You only need to plug in SIMM modules according to any of the combinations listed below.

For the table below:

- (S) Single density 72 pin SIMM.
- (D) Double density 72 pin SIMM.

Chapter 4

Award BIOS Setup

30 PIN SIMM	72 PIN SIMM	TOTAL MEMORY
1M		1M
	1M/S	1M
	2M/D	2M
1M	1M/S	2M
1M	2M/D	3M
4M		4M
	4M/S	4M
1M	4M/S	5M
4M	1M/S	5M
4M	2M/D	6M
4M	4M/S	8M
1M	8M/D	9M
4M	8M/D	12M
1M	16M/S	17M
16M	1M/S	17M
16M	2M/D	18M
16M	4M/S	20M
4M	16M/S	20M
16M	8M/D	24M
16M	16M/S	32M
1M	32M/D	33M
4M	32M/D	36M
16M	32M/D	48M
1M	64M/S	65M
4M	64M/S	68M
16M	64M/S	80M