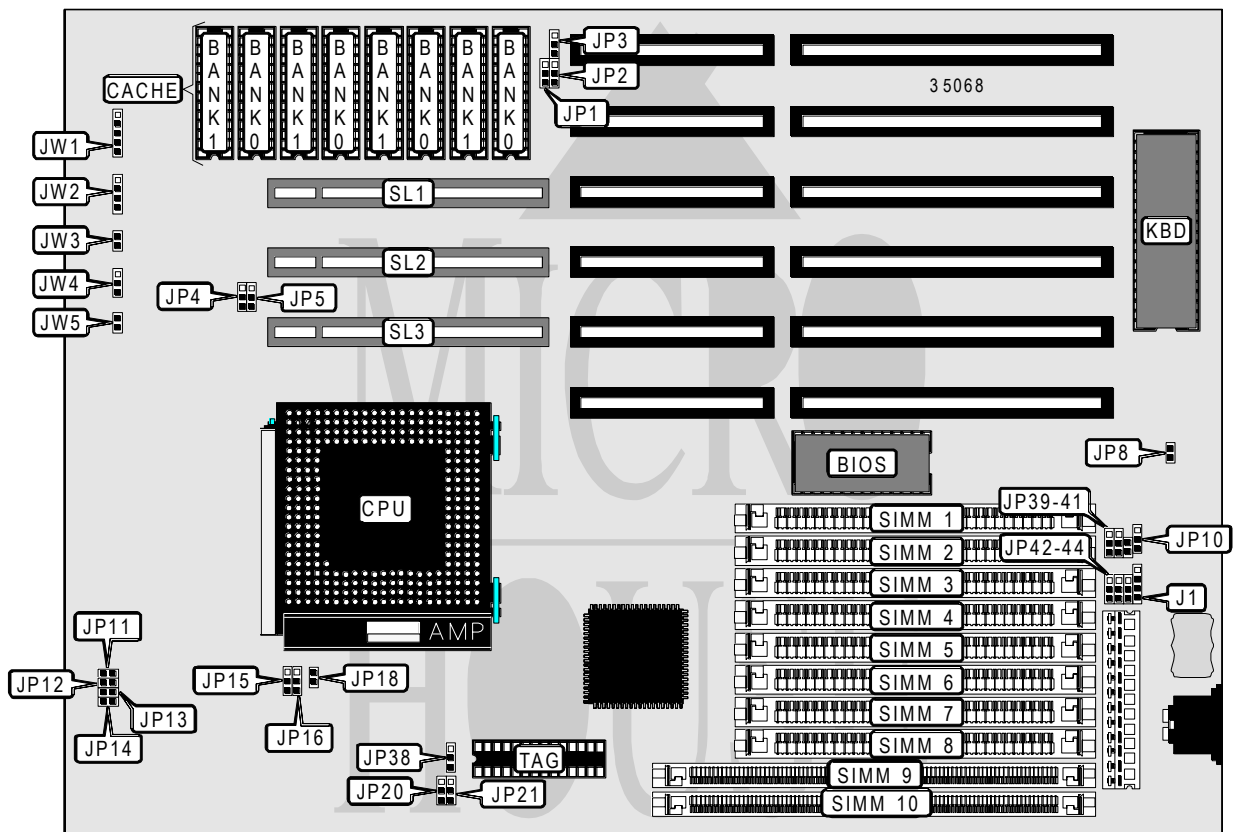


ABIT COMPUTER CORPORATION

A N 4

Processor	80486SX/80487SX/80486DX/80486DX2/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)MHz
Chip Set	SIS
Max. Onboard DRAM	64MB
Cache	128/256/512KB
BIOS	AMI/Award
Dimensions	260mm x 220mm
I/O Options	32-bit VESA local bus slots (3), green PC feature
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Reset switch	JW3
Green PC monitor AC connector	JP8	Turbo switch	JW4
Power LED & keylock	JW1	Turbo LED	JW5
Speaker	JW2	32-bit VESA Local bus slots	SL1 - SL3

Continued on next page . . .

ABIT COMPUTER CORPORATION

A N 4

... continued from previous page.

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP9	Closed
í CMOS memory normal operation	JP10	pins 1 & 2 closed
CMOS memory clear	JP10	pins 2 & 3 closed
í Green PC enabled	JP13	Closed
Green PC disabled	JP13	Open
í Factory configured - do not alter	JP19	Open
í Factory configured - do not alter	JP36	Closed

Note: The location of the factory configured jumpers is unidentified.

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	NONE	NONE	NONE
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
4MB	(4) 1M x 9	NONE	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
6MB	(1) 256K x 36	(1) 256K x 36	(4) 1M x 9	NONE
6MB	(4) 1M x 9	(1) 256K x 36	(1) 256K x 36	NONE
8MB	(1) 2M x 36	NONE	NONE	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
10MB	(4) 256K x 9	(4) 256K x 9	(1) 1M x 36	(1) 1M x 36
10MB	(1) 1M x 36	(1) 1M x 36	(4) 256K x 9	(4) 256K x 9
12MB	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(4) 1M x 9	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
16MB	(4) 4M x 9	NONE	NONE	NONE
18MB	(4) 256K x 9	(4) 256K x 9	(1) 4M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(1) 4M x 36	NONE
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
36MB	(4) 4M x 9	(4) 4M x 9	(1) 1M x 36	NONE

Continued on next page . . .

ABIT COMPUTER CORPORATION

A N 4

... continued from previous page.

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(4) 4M x 9	(4) 4M x 9	(1) 2M x 36	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
48MB	(4) 4M x 9	(4) 4M x 9	(1) 4M x 36	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

DRAM JUMPER CONFIGURATION						
Bank 0	Bank 1	Bank 2	Bank 3	JP39	JP40	JP41
SIMM 1 - 4	SIMM 5 - 8	SIMM 9 (S)	SIMM 10 (S)	1 & 2	1 & 2	Open
SIMM 1 - 4	SIMM 5 - 8	SIMM 9 (D)	SIMM 10 (D)	1 & 2	1 & 2	Open
SIMM 9 (S)	SIMM 10 (S)	SIMM 1 - 4	SIMM 5 - 8	2 & 3	2 & 3	Open
SIMM 9 (D)	SIMM 10 (D)	SIMM 1 - 4	SIMM 5 - 8	2 & 3	2 & 3	Open
SIMM 9 (D)	SIMM 9 (D)	SIMM 10 (D)	SIMM 10 (D)	2 & 3	2 & 3	Closed
SIMM 9 (S)	SIMM 5 - 8	SIMM 1 - 4	NONE	2 & 3	1 & 2	Open
SIMM 1 - 4	SIMM 10 (S)	SIMM 9 (S)	NONE	1 & 2	Open	Open
SIMM 1 - 4	SIMM 10 (S)	SIMM 9 (D)	SIMM 9 (D)	1 & 2	Open	Open
SIMM 9 (D)	SIMM 9 (D)	SIMM 10 (S)	SIMM 5 - 8	Open	2 & 3	Closed

Note: Pins designated should be in the closed position.

DRAM JUMPER CONFIGURATION (CON'T)						
Bank 0	Bank 1	Bank 2	Bank 3	JP42	JP43	JP44
SIMM 1 - 4	SIMM 5 - 8	SIMM 9 (S)	SIMM 10 (S)	1 & 2	1 & 2	1 & 2
SIMM 1 - 4	SIMM 5 - 8	SIMM 9 (D)	SIMM 10 (D)	1 & 2	1 & 2	1 & 2
SIMM 9 (S)	SIMM 10 (S)	SIMM 1 - 4	SIMM 5 - 8	2 & 3	1 & 2	2 & 3
SIMM 9 (D)	SIMM 10 (D)	SIMM 1 - 4	SIMM 5 - 8	2 & 3	2 & 3	1 & 2
SIMM 9 (D)	SIMM 9 (D)	SIMM 10 (D)	SIMM 10 (D)	2 & 3	2 & 3	Open
SIMM 9 (S)	SIMM 5 - 8	SIMM 1 - 4	NONE	2 & 3	Open	Open
SIMM 1 - 4	SIMM 10 (S)	SIMM 9 (S)	NONE	1 & 2	1 & 2	2 & 3
SIMM 1 - 4	SIMM 10 (S)	SIMM 9 (D)	SIMM 9 (D)	1 & 2	1 & 2	2 & 3
SIMM 9 (D)	SIMM 9 (D)	SIMM 10 (S)	SIMM 5 - 8	2 & 3	2 & 3	Open

Note: Pins designated should be in the closed position.

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
512KB	(4) 128K x 8	NONE	(1) 32K x 8

Continued on next page ...

ABIT COMPUTER CORPORATION

A N 4

... continued from previous page.

CACHE JUMPER CONFIGURATION						
Size	JP1	JP2	JP3`	JP20	JP21	JP38
128KB	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
256KB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
512KB	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION			
Type	JP15	JP16	JP18
80486SX	pins 2 & 3 closed	Open	Open
80487SX	pins 1 & 2 closed	pins 2 & 3 closed	Closed
80486DX/DX2	pins 1 & 2 closed	pins 1 & 2 closed	Closed

CPU SPEED CONFIGURATION			
Speed	JP11	JP12	JP14
25MHz	Open	Closed	Closed
33MHz	Closed	Closed	Open
40MHz	Open	Open	Closed
50iMHz	Open	Closed	Closed
50MHz	Closed	Open	Open
66iMHz	Closed	Closed	Open

VESA WAIT STATE CONFIGURATION	
Wait states	JP4
0 wait states	pins 1 & 2 closed
1 wait state	pins 2 & 3 closed

VESA BUS SPEED CONFIGURATION	
CPU speed	JP5
< = 33MHz	pins 1 & 2 closed
> 33MHz	pins 2 & 3 closed

GREEN PC CONFIGURATION	
Description	JP8
Signal	pin 1
Ground	pin 2