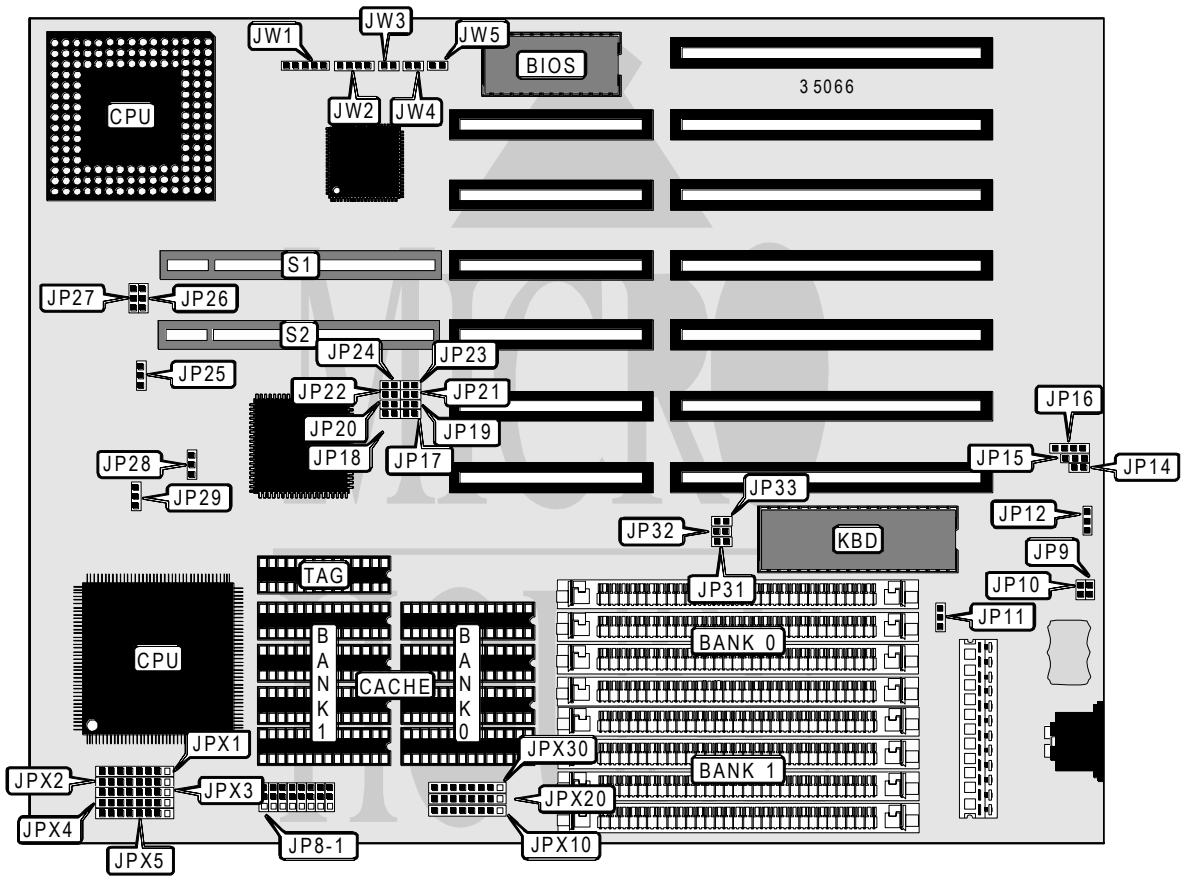


# ABIT COMPUTER CORPORATION

## 486 VESA/486 ISA

**Processor** 80486SX/80487SX/80486DX/80486DX2  
**Processor Speed** 25/33/40/50(internal)/50/66(internal)MHz  
**Chip Set** UNI  
**Max. Onboard DRAM** 32MB  
**Cache** 64/128/256KB  
**BIOS** AMI/Award  
**Dimensions** 330mm x 218mm  
**I/O Options** 32-bit VESA local bus slots (2)



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	JW1	Reset switch	JW5
Speaker	JW2	External battery	JP16
Turbo LED	JW3	32-bit VESA local bus slots	S1 & S2
Turbo switch	JW4		

Continued next page...

# ABIT COMPUTER CORPORATION

## 486 VESA/486 ISA

... continued from previous page.

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP1	Closed
í Factory configured - do not alter	JP2	Closed
í Factory configured - do not alter	JP3	pins 1 & 2 closed
í Factory configured - do not alter	JP9	Closed
í Factory configured - do not alter	JP10	Closed
í Monitor type select monochrome	JP11	pins 1 & 2 closed
Monitor type select color	JP11	pins 2 & 3 closed
í Factory configured - do not alter	JP12	Closed
í Factory configured - do not alter	JP14	Closed
í CMOS memory normal operation	JP15	pins 2 & 3 closed
CMOS memory clear	JP15	pins 1 & 2 closed
í Factory configured - do not alter	JP17	Closed
í Factory configured - do not alter	JP18	Closed
í Factory configured - do not alter	JP19	Closed
í Factory configured - do not alter	JP20	Closed
í Factory configured - do not alter	JP21	Closed
í Factory configured - do not alter	JP22	Closed
í Factory configured - do not alter	JP23	Closed
í Factory configured - do not alter	JP24	Closed
í Factory configured - do not alter	JPX4	Closed
í Factory configured - do not alter	JPX5	Closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
32MB	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION				
Size	Max Cachable	Bank 0	Bank 1	TAG
64KB	8MB	(4) 8K x 8	(4) 8K x 8	8K x 8
128KB	16MB	(4) 32K x 8	NONE	8K x 8
256KB	32MB	(4) 32K x 8	(4) 32K x 8	32K x 8

CACHE JUMPER CONFIGURATION			
Size	JPX10	JPX20	JPX30
64KB	Closed	Open	Open
128KB	Open	Closed	Open
256KB	Open	Open	Closed

Continued on next page . . .

# ABIT COMPUTER CORPORATION

## 486 VESA/486 ISA

... continued from previous page.

CPU SPEED CONFIGURATION						
Speed	JP4	JP28	JP29	JP31	JP32	JP33
25MHz	1 & 2	1 & 2	1 & 2	Closed	Open	Closed
33MHz	1 & 2	1 & 2	1 & 2	Closed	Closed	Open
40MHz	2 & 3	2 & 3	2 & 3	Open	Closed	Closed
50iMHz	1 & 2	1 & 2	1 & 2	Closed	Open	Closed
50MHz	2 & 3	2 & 3	2 & 3	Closed	Open	Closed
66iMHz	1 & 2	1 & 2	1 & 2	Closed	Closed	Open

Note Pins designated should be in the closed position.

CPU TYPE CONFIGURATION				
CPU Type	JP5-JP8, JP25	JPX1	JPX2	JPX3
80486SX	pins 1 & 2 closed	Open	Closed	Closed
80487SX	pins 1 & 2 closed	Open	Open	Closed
80486DX, DX2	pins 1 & 2 closed	Closed	Open	Open

VESA WAIT STATE/BUS SPEED CONFIGURATION			
CPU speed	Wait States	JP26	JP27
< 33MHz	0 wait states	pins 1 & 2 closed	pins 1 & 2 closed
> 33MHz	1 wait state	pins 2 & 3 closed	pins 2 & 3 closed