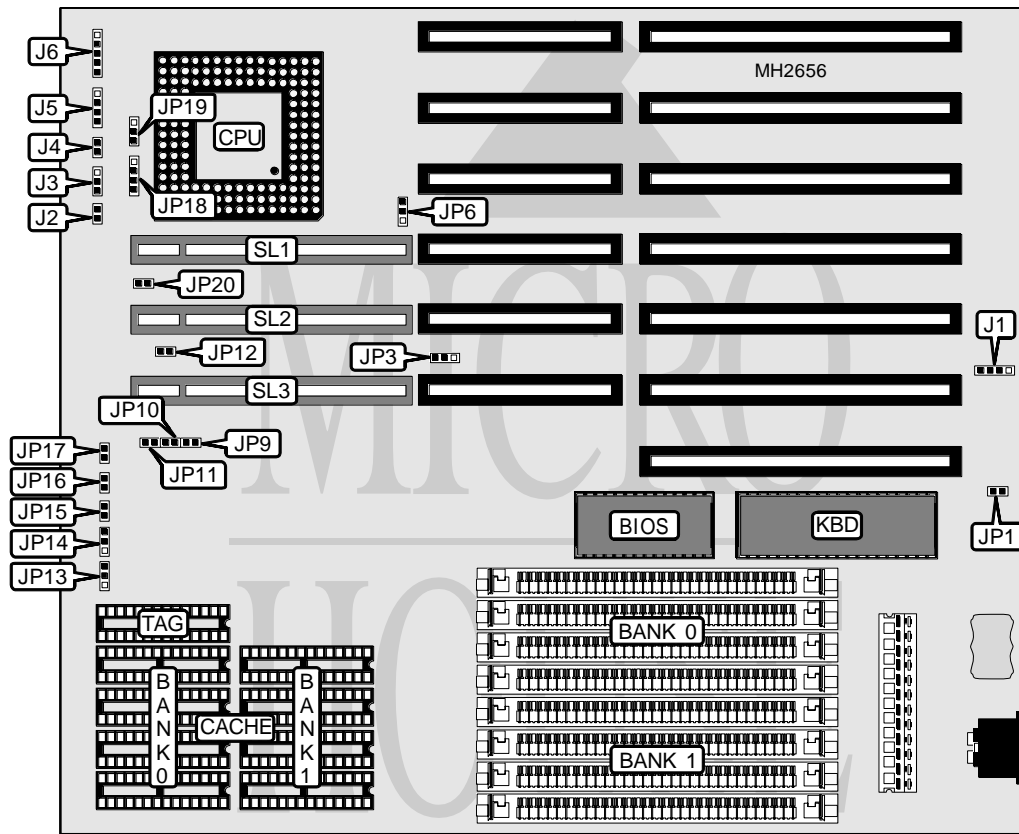


# BEK-TRONIK TECHNOLOGY, INC.

## BEK-V419

<b>Processor</b>	80486SX/80487SX/80486DX/80486DX2/Pentium Overdrive
<b>Processor Speed</b>	25/33/40/50(internal)/50/66(internal)MHz
<b>Chip Set</b>	UMC
<b>Max. Onboard DRAM</b>	64MB
<b>Cache</b>	32/64/128/256KB
<b>BIOS</b>	AMI/Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit VESA local bus slots (3)
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Speaker	J5
Reset switch	J2	Power LED & keylock	J6
Turbo switch	J3	32-bit VESA local bus slots	SL1 - SL3
Turbo LED	J4		

Continued on next page. . .

**BEK-TRONIK TECHNOLOGY, INC.**  
**BEK - V 4 1 9**

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	JP1	Closed
Battery type select external	JP1	Open
í VESA card type select any card installed	JP3	pins 1 & 2 closed
VESA card type select Weitek 9000 only	JP3	pins 2 & 3 closed
í ADS delay select no delays	JP6	pins 1 & 2 closed
ADS delay select 1 delay for 50MHz	JP6	pins 2 & 3 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
5MB	(4) 1M x 9	(4) 256K x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 1M x 9	(4) 1M x 9
20MB	(4) 4M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9
64MB	(4) 16M x 9	NONE

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

CACHE JUMPER CONFIGURATION					
Size	JP13	JP14	JP15	JP16	JP17
32KB	Open	2 & 3	Open	Open	Open
64KB	Open	1 & 2	Open	Closed	Open
128KB	2 & 3	2 & 3	Open	Closed	Closed
256KB	1 & 2	1 & 2	Closed	Closed	Closed

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION		
Type	JP18	JP19
80486SX	pins 2 & 3 closed	Open
80487SX	pins 1 & 2, 3 & 4 closed	pins 2 & 3 closed
80486DX	pins 1 & 2, 3 & 4 closed	pins 1 & 2 closed
80486DX2	pins 1 & 2, 3 & 4 closed	pins 1 & 2 closed
Pentium Overdrive	pins 1 & 2, 3 & 4 closed	pins 1 & 2 closed

Continued on next page. . .

## BEK-TRONIK TECHNOLOGY, INC.

## BEK - V 4 1 9

... continued from previous page

CPU SPEED CONFIGURATION			
Speed	JP9	JP10	JP11
25MHz	Open	Open	Closed
33MHz	Closed	Open	Closed
40MHz	Open	Closed	Closed
50MHz	Open	Open	Closed
50MHz	Closed	Open	Open
66MHz	Closed	Open	Closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP20
0 wait states	Open
1 wait state	Closed

BUS SPEED CONFIGURATION	
CPU speed	JP12
<= 33MHz	Open
> 33MHz	Closed