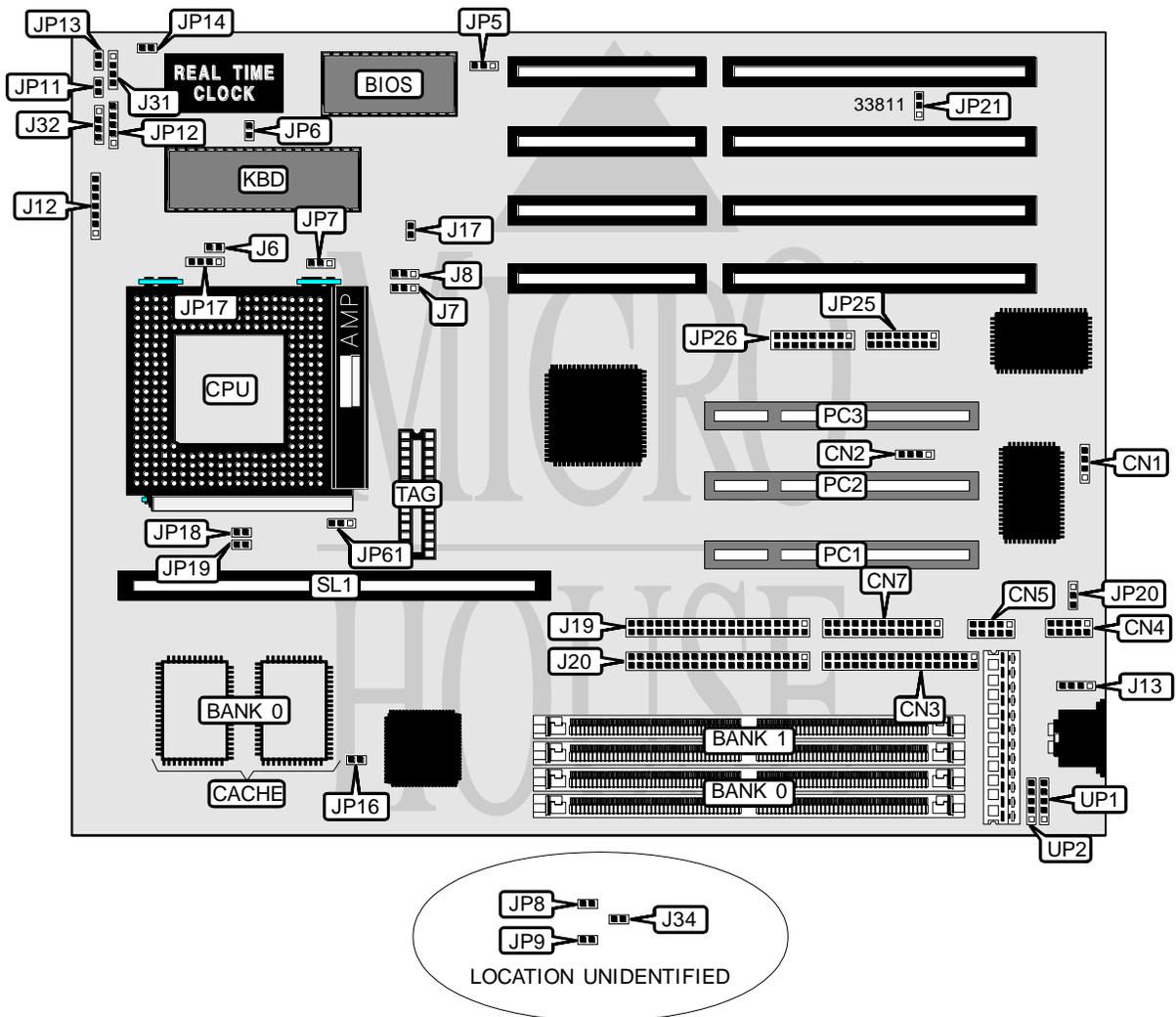


SUK JUNG ELECTRONIC CO., LTD.

SJ - P T M H X

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	272mm x 220mm
I/O Options	32-bit PCI slots (3), CD-ROM interface, floppy drive interface, game port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, USB connectors (2), audio connector
NPU Options	None



Continued on next page. . .

SUK JUNG ELECTRONIC CO., LTD.
 SJ-PTM HX

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
IR connector	CN1	Green PC LED	J34
CD-ROM interface	CN2	Green PC connector	JP11
Floppy drive interface	CN3	Power LED & keylock	JP12
Serial port 1	CN4	Reset switch	JP13
Serial port 2	CN5	Game interface	JP25
Parallel port	CN7	Audio connector	JP26
PS/2 mouse interface	J13	32-bit PCI slots	PC1 - PC3
IDE interface 2	J19	Cache slot	SL1
IDE interface 1	J20	USB connector 1	UP1
Speaker	J31	USB connector 2	UP2
IDE interface LED	J32		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Sound enabled	J10	Pins 1 & 2 closed
Sound disabled	J10	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP5	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP5	Pins 2 & 3 closed
í CMOS memory normal operation	JP6	Open
CMOS memory clear	JP6	Closed
í Factory configured - do not alter	JP7	Pins 1 & 2 closed
í Factory configured - do not alter	JP8	Open
í Factory configured - do not alter	JP9	Open
í Sound to PC speaker	JP14	Open
Sound to onboard sound card	JP14	Closed
í Factory configured - do not alter	JP20	Open
í Factory configured - do not alter	JP21	Pins 2 & 3 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36

Continued on next page. . .

SUK JUNG ELECTRONIC CO., LTD.

SJ-PTM HX

... continued from previous page

DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

Note: Board accepts EDO memory.

CACHE CONFIGURATION			
Size	Bank 0	SL1	TAG
256KB	(2) 32K x 32	Not installed	(1) 32K x 8
512KB	(2) 32K x 32	256KB module installed	(1) 32K x 8
512KB	(2) 64K x 32	Not installed	(1) 32K x 8
512KB	None	512KB module installed	None

CACHE JUMPER CONFIGURATION		
Size	J12	JP16
None	Pins 3 & 4, 6 & 7 closed	Open
256KB	Pins 2 & 3, 4 & 5, 6 & 7 closed	Open
512KB	Pins 1 & 2, 3 & 4, 5 & 6 closed	Closed

CPU SPEED SELECTION							
CPU speed	Clock speed	Multiplier	J6	J7	J8	J17	JP17
75MHz	50MHz	1.5x	Closed	2 & 3	2 & 3	Closed	Open
90MHz	60MHz	1.5x	Open	1 & 2	2 & 3	Open	Open
100MHz	66MHz	1.5x	Open	2 & 3	1 & 2	Open	Open
100MHz	50MHz	2x	Closed	2 & 3	2 & 3	Closed	1 & 2
120MHz	60MHz	2x	Open	1 & 2	2 & 3	Open	1 & 2
133MHz	66MHz	2x	Open	2 & 3	1 & 2	Open	1 & 2
150MHz	60MHz	2.5x	Open	1 & 2	2 & 3	Open	1 & 2, 3 & 4
150MHz	50MHz	3x	Closed	2 & 3	2 & 3	Closed	3 & 4
166MHz	66MHz	2.5x	Open	2 & 3	1 & 2	Open	1 & 2, 3 & 4
180MHz	60MHz	3x	Open	1 & 2	2 & 3	Open	3 & 4
200MHz	66MHz	3x	Open	2 & 3	1 & 2	Open	3 & 4

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION			
Voltage	JP18	JP19	JP61
2.5v	Open	Open	Pins 2 & 3 closed
3.3v	Closed	Closed	Pins 1 & 2 closed
3.5v	Closed	Closed	Open