SOLTEK COMPUTER ,INC.
8 2 4 3 0 V X ,   P 5 4 C X / P 5 5 C

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	250mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connector
NPU Options	None
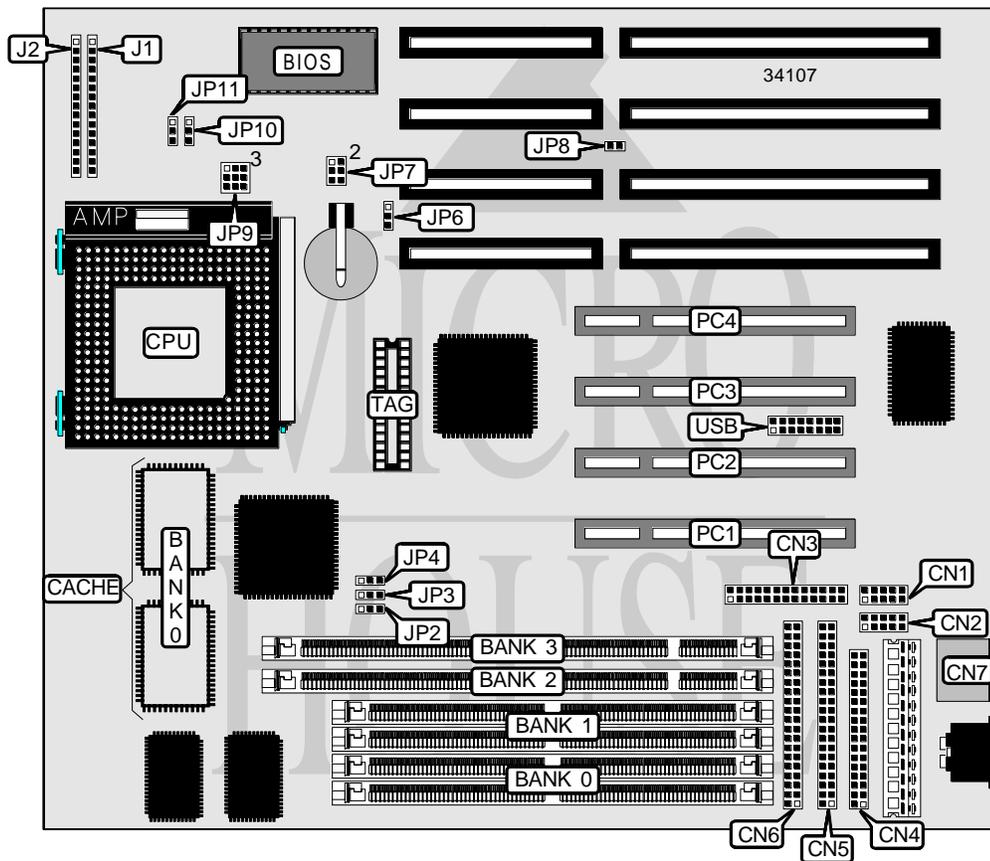
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82430VX, P54CX/P55C

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 2	CN1	IR connector	J1 pins 6 - 10
Serial port 1	CN2	Green PC connector	J1 pins 14 & 15
Parallel port	CN3	Speaker	J2 pins 1 - 4
Floppy drive interface	CN4	Reset switch	J2 pins 5 & 6
IDE interface 1	CN5	Power LED & keylock	J2 pins 8 - 12
IDE interface 2	CN6	Turbo LED	J2 pins 14 & 15
PS/2 mouse port	CN7	32-bit PCI slots	PC1 – PC4
IDE interface LED	J1 pins 1 - 4	USB connector	USB

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	JP6	Pins 1 & 2 closed
CMOS memory clear	JP6	Pins 2 & 3 closed

DIMM/DRAM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
8MB	(2) 1M x 36	None	None	None
8MB	None	None	(1) 1M x 64	None
16MB	(2) 2M x 36	None	None	None
16MB	None	None	(1) 2M x 64	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
16MB	(2) 1M x 36	None	None	(1) 1M x 64
24MB	None	(2) 2M x 36	(1) 1M x 64	None
32MB	(2) 4M x 36	None	None	None
32MB	None	None	(1) 4M x 64	None
32MB	(2) 2M x 36	None	None	(1) 2M x 64
40MB	(2) 4M x 36	(2) 1M x 36	None	None
40MB	(2) 4M x 36	None	None	(1) 1M x 64
48MB	(2) 2M x 36	None	None	(1) 4M x 64
48MB	(2) 4M x 36	(2) 2M x 36	None	None
48MB	(2) 4M x 36	None	None	(1) 2M x 64
64MB	(2) 8M x 36	None	None	None
64MB	None	None	None	(1) 8M x 64
64MB	(2) 4M x 36	(2) 4M x 36	None	None
64MB	(2) 4M x 36	None	None	(1) 4M x 64
64MB	None	None	(1) 4M x 64	(1) 4M x 64
72MB	(2) 8M x 36	(2) 1M x 36	None	None
72MB	(2) 8M x 36	None	None	(1) 1M x 64
80MB	None	(2) 2M x 36	(1) 8M x 64	None
80MB	(2) 8M x 36	(2) 2M x 36	None	None

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DIMM/DRAM CONFIGURATION (CON'T)				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
96MB	(2) 4M x 36	None	None	(1) 8M x 64
96MB	(2) 8M x 36	(2) 4M x 36	None	None
96MB	None	(2) 8M x 36	(1) 4M x 64	None
128MB	None	None	(1) 8M x 64	(1) 8M x 64
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 8M x 36	None	None	(1) 8M x 64
Note: Board accepts EDO memory.				

CACHE CONFIGURATION		
Size	**Bank 0**	**TAG**
256KB	(2) 32K x 32	Unidentified
512KB	(2) 64K x 32	Unidentified

CPU SPEED SELECTION (CYRIX)								
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP3**	**JP4**	**JP8**	**JP10**	**JP11**
120MHz	50MHz	2x	2 & 3	2 & 3	1 & 2	Closed	2 & 3	1 & 2
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2	Open	2 & 3	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	Open	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	Open	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AMD)								
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP3**	**JP4**	**JP8**	**JP10**	**JP11**
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2	Closed	1 & 2	1 & 2
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	Open	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	Open	1 & 2	1 & 2
120MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	Open	1 & 2	1 & 2
133MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	Open	1 & 2	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	Open	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	Open	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

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CPU SPEED SELECTION (INTEL)								
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP3**	**JP4**	**JP8**	**JP10**	**JP11**
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2	Closed	1 & 2	1 & 2
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	Open	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	Open	1 & 2	1 & 2
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	Open	2 & 3	1 & 2
133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	Open	2 & 3	1 & 2
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	Open	2 & 3	2 & 3
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	Open	2 & 3	2 & 3
180MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	Open	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	Open	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU VOLTAGE SELECTION (SINGLE)		
Voltage	**JP7**	**JP9**
3.38v	2 & 4	1 & 2, 4 & 5, 7 & 8
3.52v	4 & 6	1 & 2, 4 & 5, 7 & 8
Note: Pins designated should be in the closed position.		

CPU VOLTAGE SELECTION (DUAL)			
Voltage	**V core**	**JP7**	**JP9**
3.38v	2.5v	1 & 3	2 & 3, 5 & 6, 8 & 9
3.38v	2.8v	3 & 5	2 & 3, 5 & 6, 8 & 9
Note: Pins designated should be in the closed position.			