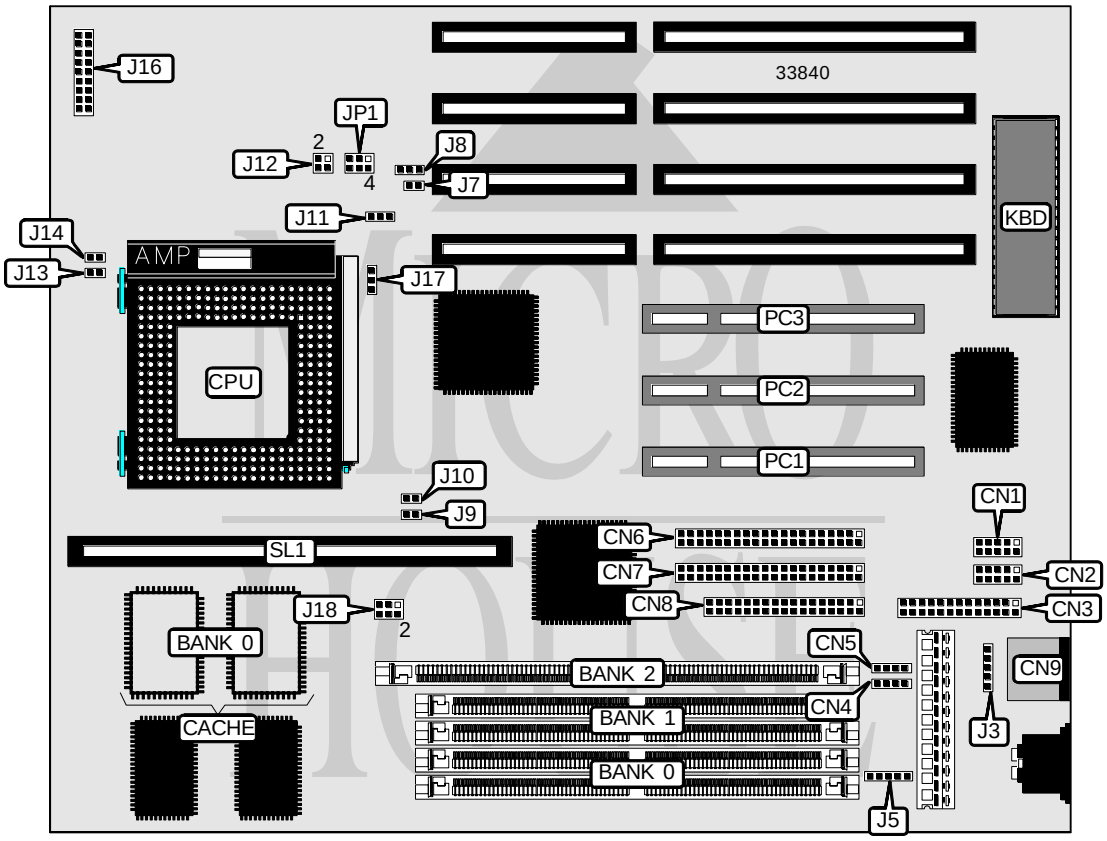
FONG KAI INDUSTRIAL, CO.
S L - 5 8 6 V

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	260mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, USB connectors (2)
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 2	CN1	IR connector	J5
Serial port 1	CN2	Power LED & keylock	J16 pins 1 - 5
Parallel port	CN3	IDE interface LED	J16 pins 6 & 13
USB connector	CN4	Green PC connector	J16 pins 7 & 12
USB connector	CN5	Reset switch	J16 pins 8 & 11
IDE interface 2	CN6	Turbo LED	J16 pins 9 & 10
IDE interface 1	CN7	Speaker	J16 pins 15 - 18
Floppy drive interface	CN8	32-bit PCI slots	PC1 - PC3
PS/2 mouse port	CN9	Cache slot	SL1
PS/2 mouse interface	J3		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	J7	Open
CMOS memory clear	J7	Closed
Flash BIOS voltage select 12v	J8	Pins 1 & 2 closed
Flash BIOS voltage select 5v	J8	Pins 2 & 3 closed
í Factory configured - do not alter	J17	Unidentified

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

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DRAM/DIMM CONFIGURATION (CON'T)			
Size	**Bank 0**	**Bank 1**	**Bank 2**
72MB	(2) 1M x 36	(2) 8M x 36	None
80MB	None	(2) 8M x 36	(1) 2M x 64
80MB	None	(2) 2M x 36	(1) 8M x 64
80MB	(2) 8M x 36	(2) 2M x 36	None
96MB	None	(2) 8M x 36	(1) 4M x 64
96MB	None	(2) 4M x 36	(1) 8M x 64
96MB	(2) 4M x 36	(2) 8M x 36	None
128MB	None	(2) 8M x 36	(1) 8M x 64
128MB	(2) 8M x 36	(2) 8M x 36	None
Note: Board accepts EDO memory. Board also accepts x 32 SIMMs. Banks 0 & 1 are interchangeable.			

DIMM VOLTAGE CONFIGURATION	
Size	**J18**
3.3v	Pins 1 & 3, 2 & 4 closed
5v	Pins 3 & 5, 4 & 6 closed

CACHE CONFIGURATION			
Size	**Bank 0**	**SL1**	**TAG**
256KB	(2) 32K x 32	Not installed	(1) 8K x 8
256KB	None	256KB module installed	None
512KB	(2) 32K x 32	256KB module installed	(1) 16K x 8
512KB	(2) 64K x 32	Not installed	(1) 16K x 8
512KB	None	512KB module installed	None
Note: The location of the TAG is unidentified.			

CPU SPEED SELECTION (CYRIX)							
CPU speed	**Clock speed**	**Multiplier**	**J9**	**J10**	**J11**	**J13**	**J14**
100MHz	66MHz	2x	Open	Closed	2 & 3	Open	Open
110MHz	55MHz	2x	Open	Open	2 & 3	Closed	Open
120MHz	60MHz	2x	Closed	Open	1 & 2	Closed	Open
133MHz	66MHz	2x	Open	Closed	2 & 3	Closed	Open
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AMD)							
CPU speed	**Clock speed**	**Multiplier**	**J9**	**J10**	**J11**	**J13**	**J14**
75MHz	50MHz	1.5x	Closed	Closed	2 & 3	Open	Open
90MHz	60MHz	1.5x	Closed	Open	1 & 2	Open	Open
Note: Pins designated should be in the closed position.							

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CPU SPEED SELECTION (INTEL)							
CPU speed	**Clock speed**	**Multiplier**	**J9**	**J10**	**J11**	**J13**	**J14**
75MHz	50MHz	1.5x	Closed	Closed	2 & 3	Open	Open
90MHz	60MHz	1.5x	Closed	Open	1 & 2	Open	Open
100MHz	66MHz	1.5x	Open	Closed	2 & 3	Open	Open
120MHz	60MHz	2x	Closed	Open	1 & 2	Closed	Open
133MHz	66MHz	2x	Open	Closed	2 & 3	Closed	Open
150MHz	50MHz	3	Closed	Closed	2 & 3	Open	Closed
166MHz	66MHz	2.5x	Open	Closed	2 & 3	Closed	Closed
180MHz	60MHz	3x	Closed	Open	1 & 2	Open	Closed
200MHz	66MHz	3x	Open	Closed	2 & 3	Open	Closed
Note: Pins designated should be in the closed position.							

CPU VOLTAGE SELECTION		
Voltage	**JP1**	**J12**
2.5v	Pins 3 & 6 closed	Pins 2 & 4 closed
2.8v	Pins 2 & 5 closed	Pins 2 & 4 closed
3.3v	Pins 1 & 4 closed	Pins 1 & 3 closed

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