EURONE (HK) CO., LTD.
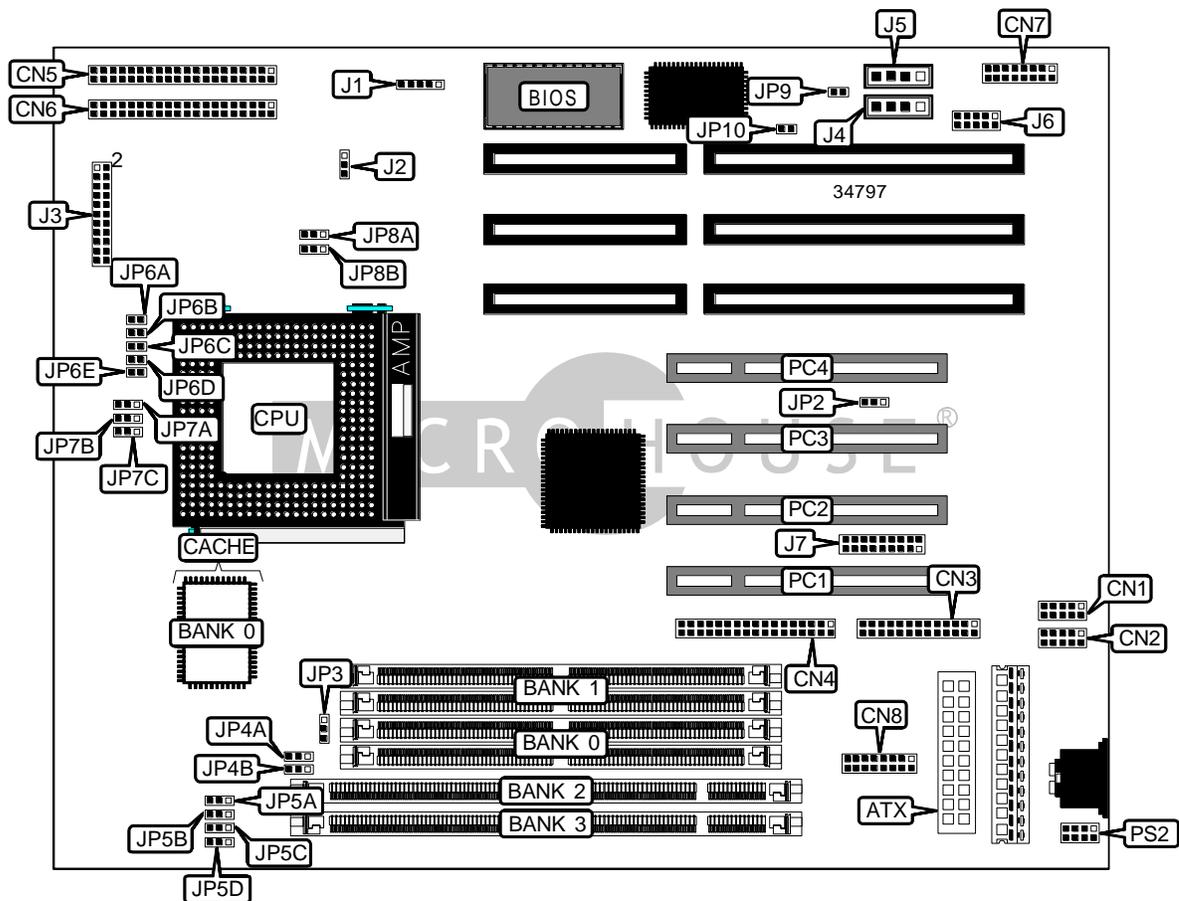# E M - 5 5 7 1

Device Type	Mainboard
Processor	CX 6X86L/CX M2/IBM6X86L/IBM M2/AM K6/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200/233/266MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	512KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, game interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), VGA interface, IR connector, USB connectors (2), ATX power connector, line in, line out, microphone in, audio in – CD-ROMs (2)
NPU Options	None

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E M - 5 5 7 1

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	IDE interface LED	J3/pins 15 & 16
Serial port 1	CN1	Reset switch	J3/pins 17 & 18
Serial port 2	CN2	Green PC LED	J3/pins 19 & 20
Parallel port	CN3	Green PC connector	J3/pins 21 & 22
Floppy drive interface	CN4	Audio in – CD-ROM	J4
IDE interface 1	CN5	Audio in – CD-ROM	J5
IDE interface 2	CN6	Line in, line out, mic in	J6
Game interface	CN7	USB connector	J7/pins 1 - 4
VGA interface	CN8	PS/2 mouse interface	J7/pins 5 & 6, 15 & 16
Soft off power supply	J1	IR connector	J7/pins 7 – 9, 17 & 18
Chassis fan power	J2	USB connector	J7/pins 10 - 13
Speaker	J3/pins 1, 3, 5, 7	32-bit PCI slots	PC1 – PC4
Power LED & keylock	J3/pins 2, 4, 6, 8, 10	PS/2 mouse interface	PS2
Turbo LED	J3/pins 13 & 14		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	JP2	Pins 1 & 2 closed
CMOS memory clear	JP2	Pins 2 & 3 closed
On board video enabled	JP3	Pins 2 & 3 closed
On board video disabled	JP3	Pins 1 & 2 closed
PCI clock speed select CPU CLK/2	JP5D	Pins 1 & 2 closed
PCI clock speed select CPU CLK = 33MHz	JP5D	Pins 2 & 3 closed
Microphone type select special	JP9	Closed
Microphone type select normal	JP9	Open

SIMM 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

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SIMM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
64MB	(2) 4M x 36	(2) 4M x 36
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
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
Note: Board accepts EDO memory. It Is not recommended to install DIMMs & SIMMs at the same time.		

DIMM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
Note: Board accepts SDRAM memory. For maximum memory of 384MB, fully populate all 4 banks.		

DIMM/SIMM VOLTAGE CONFIGURATION		
Voltage	**JP4A**	**JP4B**
3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed
5v	Pins 1 & 2 closed	Pins 1 & 2 closed

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CACHE CONFIGURATION	
Size	**Bank 0**
512KB	(1) 64K x 64

CPU SPEED SELECTION (CX 6X86L)							
CPU speed	**Clock speed**	**Multiplier**	**JP5A**	**JP5B**	**JP5C**	**JP7A**	**JP7B**
120MHz	50MHz	2x	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
133MHz	55MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (IBM 6X86L)							
CPU speed	**Clock speed**	**Multiplier**	**JP5A**	**JP5B**	**JP5C**	**JP7A**	**JP7B**
120MHz	50MHz	2x	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
133MHz	55MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (CX M2)							
CPU speed	**Clock speed**	**Multiplier**	**JP5A**	**JP5B**	**JP5C**	**JP7A**	**JP7B**
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (IBM M2)							
CPU speed	**Clock speed**	**Multiplier**	**JP5A**	**JP5B**	**JP5C**	**JP7A**	**JP7B**
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.							

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E M - 5 5 7 1

CPU SPEED SELECTION (AM K6)							
CPU speed	**Clock speed**	**Multiplier**	**JP5A**	**JP5B**	**JP5C**	**JP7A**	**JP7B**
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL)							
CPU speed	**Clock speed**	**Multiplier**	**JP3A**	**JP3B**	**JP3C**	**JP8A**	**JP8B**
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
120MHz	60MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
180MHz	60MHz	3x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL MMX)							
CPU speed	**Clock speed**	**Multiplier**	**JP5A**	**JP5B**	**JP5C**	**JP7A**	**JP7B**
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	4x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU TYPE SELECTION		
Type	**JP8A**	**JP8B**
P54C	Pins 2 & 3 closed	Pins 2 & 3 closed
IDT C6	Pins 2 & 3 closed	Pins 2 & 3 closed
CX M2	Pins 1 & 2 closed	Pins 1 & 2 closed
AM K6	Pins 1 & 2 closed	Pins 1 & 2 closed
CX 6X86L	Pins 1 & 2 closed	Pins 1 & 2 closed
IBM 6X86L	Pins 1 & 2 closed	Pins 1 & 2 closed
P55C	Pins 1 & 2 closed	Pins 1 & 2 closed

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E M - 5 5 7 1

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CPU VOLTAGE SELECTION					
Voltage	JP6A	JP6B	JP6C	JP6D	JP6E
2.5v	Open	Open	Open	Open	Open
2.8v	Open	Open	Open	Open	Closed
2.9v	Open	Open	Open	Closed	Open
3.2v	Open	Open	Closed	Open	Open
3.3v	Open	Closed	Open	Open	Open
3.5v	Closed	Open	Open	Open	Open