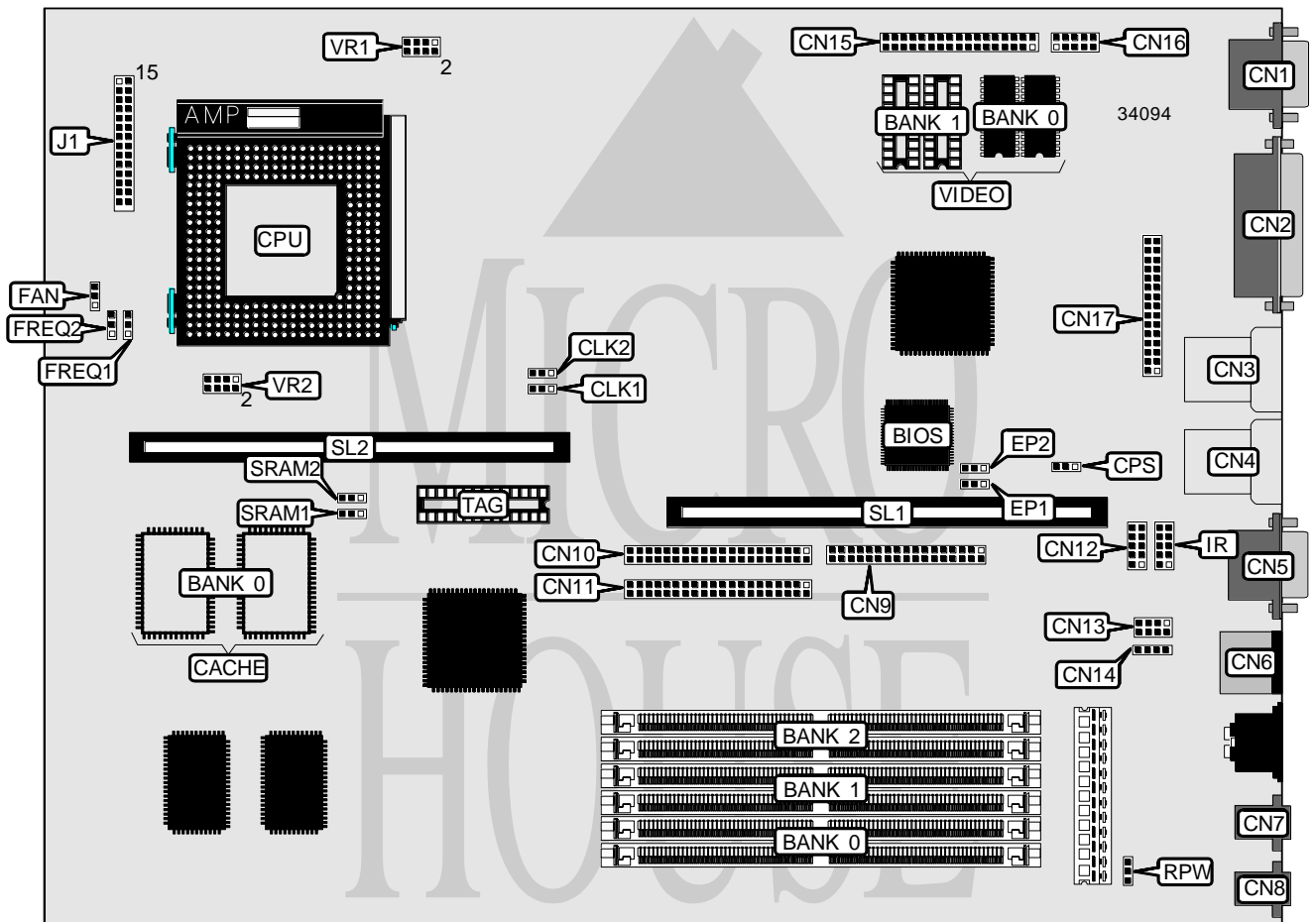


# FIRST INTERNATIONAL COMPUTER, INC. PAK-2102

<b>Processor</b>	CX M1/AM K5/Pentium
<b>Processor Speed</b>	75/90/100/120/133/150/166/200MHz
<b>Chip Set</b>	VIA
<b>Video Chip Set</b>	S3
<b>Maximum Onboard Memory</b>	512MB (EDO supported)
<b>Maximum Video Memory</b>	2MB
<b>Cache</b>	256/512/1024KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	CD-ROM audio in, floppy drive interface, audio/game port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot, cache slot, IR connector, USB connectors (2), speaker out, microphone in, wavetable connector, local peripheral bus connector
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
VGA port	CN1	Local peripheral bus connector	CN16
Parallel port	CN2	Audio/game port	CN17
USB connector 2	CN3	Chassis fan power	FAN
USB connector 1	CN4	IR connector	IR
Serial port 1	CN5	Power LED & keylock	J1 pins 1 - 5
PS/2 mouse port	CN6	Turbo LED	J1 pins 7 & 8
Speaker out	CN7	Green PC connector	J1 pins 10 & 11
Microphone in	CN8	Green PC LED	J1 pins 13 & 14
Floppy drive interface	CN9	Speaker	J1 pins 15 - 18
IDE interface 1	CN10	IDE interface LED	J1 pins 20 & 21
IDE interface 2	CN11	Remote control power	J1 pins 23 & 24
Serial port 2	CN12	Reset switch	J1 pins 27 & 28
Wavetable connector	CN13	Remote control power	RPW
CD-ROM audio in	CN14	Riser slot	SL1
VGA feature connector	CN15	Cache slot	SL2

USER CONFIGURABLE SETTINGS		
Function	Label	Position
? Password disabled	CPS	Pins 1 & 2 closed
Password enabled	CPS	Pins 2 & 3 closed

DRAM 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
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36	None
32MB	(2) 2M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None	None
40MB	(2) 2M x 36	(2) 2M x 36	(2) 1M x 36
40MB	(2) 4M x 36	(2) 1M x 36	None
48MB	(2) 4M x 36	(2) 2M x 36	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
64MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	None
64MB	(2) 8M x 36	None	None
72MB	(2) 8M x 36	(2) 1M x 36	None
80MB	(2) 8M x 36	(2) 2M x 36	None

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DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
80MB	(2) 8M x 36	(2) 2M x 36	None
96MB	(2) 8M x 36	(2) 4M x 36	None
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None
128MB	(2) 16M x 36	None	None
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
136MB	(2) 16M x 36	(2) 1M x 36	None
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36	None
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None
192MB	(2) 16M x 36	(2) 8M x 36	None
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36	None
256MB	(2) 32M x 36	None	None
264MB	(2) 32M x 36	(2) 1M x 36	None
272MB	(2) 32M x 36	(2) 1M x 36	(2) 1M x 36
272MB	(2) 32M x 36	(2) 2M x 36	None
288MB	(2) 32M x 36	(2) 2M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36	None
320MB	(2) 32M x 36	(2) 4M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36	None
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
384MB	(2) 32M x 36	(2) 16M x 36	None
512MB	(2) 32M x 36	(2) 16M x 36	(2) 16M x 36
512MB	(2) 32M x 36	None	None

Note: Board accepts EDO memory.

CACHE CONFIGURATION			
Size	Bank 0	SL1	TAG
256KB (A)	(2) 32K x 32	Not installed	(1) 8K/16K/32K x 8
256KB (B)	None	256KB module installed	None
512KB (A)	(2) 64K x 32	Not installed	(1) 16K/32K x 8
512KB (B)	(2) 32K x 32	256KB module installed	(1) 8K/16K/32K x 8
512KB (C)	None	512KB module installed	None
1MB	(2) 64K x 32	512KB module installed	(1) 16K/32K x 8

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CACHE JUMPER CONFIGURATION		
Size	SRAM1	SRAM2
256KB (A)	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB (B)	Pins 1 & 2 closed	Pins 1 & 2 closed
512KB (A)	Pins 2 & 3 closed	Pins 1 & 2 closed
512KB (B)	Pins 2 & 3 closed	Pins 1 & 2 closed
512KB (C)	Pins 2 & 3 closed	Pins 1 & 2 closed
1MB	Pins 2 & 3 closed	Pins 2 & 3 closed

VIDEO MEMORY CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(2) 256K x 16	None
2MB	(2) 256K x 16	(2) 256K x 16

CPU SPEED SELECTION (CYRIX)						
CPU speed	Clock speed	Multiplier	CLK1	CLK2	FREQ1	FREQ2
120MHz	50MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
133MHz	55MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3
180MHz	60MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3.5x	2 & 3	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM)						
CPU speed	Clock speed	Multiplier	CLK1	CLK2	FREQ1	FREQ2
120MHz	50MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
133MHz	55MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3
180MHz	60MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3.5x	2 & 3	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (AMD)						
CPU speed	Clock speed	Multiplier	CLK1	CLK2	FREQ1	FREQ2
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2
120MHz	60MHz	1.5x	1 & 2	2 & 3	1 & 2	1 & 2
133MHz	66MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2
150MHz	60MHz	1.75x	1 & 2	2 & 3	2 & 3	2 & 3
166MHz	66MHz	1.75x	2 & 3	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	CLK1	CLK2	FREQ1	FREQ2
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)		
Voltage	VR1	VR2
3.3v	Pins 3 & 4 closed	Pins 1 & 2, 3 & 4 closed
3.4v – 3.6v	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed

CPU VOLTAGE SELECTION (DUAL)			
Voltage	V core	VR1	VR2
3.3v	2.5v	7 & 8	1 & 2, 3 & 4
3.3v	2.7v	5 & 6	5 & 6, 7 & 8
3.3v	2.8v	5 & 6	5 & 6, 7 & 8
3.3v	2.9v	5 & 6	5 & 6, 7 & 8

Note: Pins designated should be in the closed position.

FLASH BIOS SELECTION		
Setting	EP1	EP2
AMTEL AT29C020	Pins 2 & 3 closed	Open
SST 29EE020	Pins 2 & 3 closed	Open
MXIC MX28F2000P	Pins 2 & 3 closed	Pins 2 & 3 closed
AMD AM29F002T	Pins 2 & 3 closed	Pins 1 & 2 closed