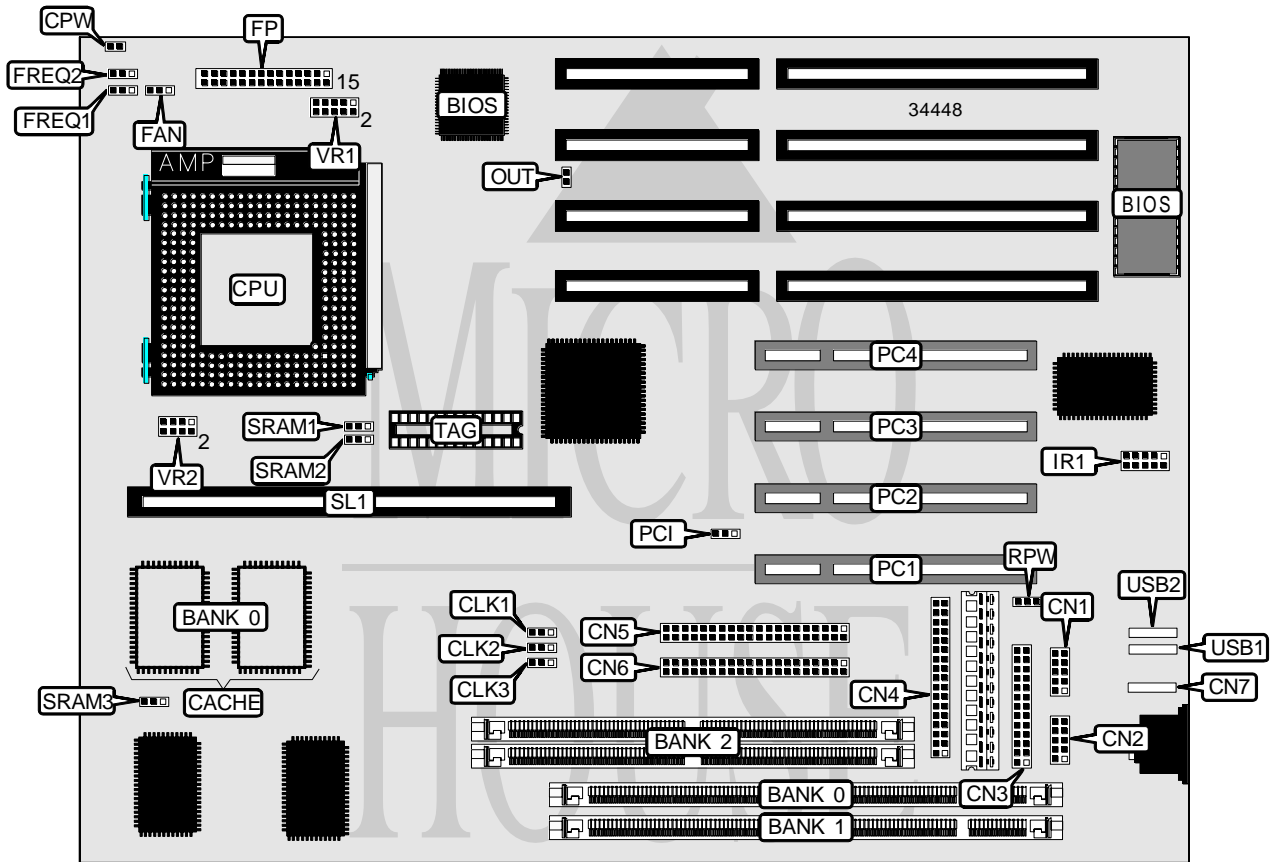


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PA-2006

Processor	CX M1/CX M2/IBM M1/IBM M2/AM K5/AM K6/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200/225/233MHz
Chip Set	VIA
Video Chip Set	None
Maximum Onboard Memory	384MB (EDO supported)
Maximum Video Memory	None
Cache	256/512/1024KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, USB connectors (2)
NPU Options	None



Continued on next page . . .

FIRST INTERNATIONAL COMPUTER, INC.

PA - 2006

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 2	CN1	Speaker	FP/pins 15 - 18
Serial port 1	CN2	IDE interface LED	FP/pins 20 & 21
Parallel port	CN3	Remote power connector	FP/pins 23 & 24
Floppy drive interface	CN4	Reset switch	FP/pins 27 & 28
IDE interface 1	CN5	IR connector	IR1
IDE interface 2	CN6	Outlet connector	OUT
PS/2 mouse interface	CN7	32-bit PCI slots	PC1 – PC4
Chassis fan power	FAN	Remote power connector	RPW
Power LED & keylock	FP/pins 1 - 5	Cache slot	SL1
Turbo LED	FP/pins 7 & 8	USB connector	USB1
Green PC connector	FP/pins 10 & 11	USB connector	USB2
Green PC LED	FP/pins 13 & 14		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
† Password disabled	CPW	Open
Password enabled	CPW	Closed
† Pre PCI Encoding Standard cards disabled	PCI	Pins 1 & 2 closed
Pre PCI Encoding Standard cards enabled	PCI	Pins 2 & 3 closed

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

Continued on next page...

FIRST INTERNATIONAL COMPUTER, INC.

PA-2006

... continued from previous page

DIMM/DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
64MB	(2) 4M x 36	(1) 2M x 64	(1) 2M x 64
64MB	(2) 4M x 36	(1) 4M x 64	None
72MB	(2) 1M x 36	(1) 4M x 64	(1) 4M x 64
72MB	(2) 1M x 36	(1) 8M x 64	None
72MB	(2) 8M x 36	(1) 1M x 64	None
80MB	(2) 2M x 36	(1) 4M x 64	(1) 4M x 64
80MB	(2) 2M x 36	(1) 8M x 64	None
80MB	(2) 8M x 36	(1) 1M x 64	(1) 1M x 64
80MB	(2) 8M x 36	(1) 2M x 64	None
96MB	(2) 4M x 36	(1) 4M x 64	(1) 4M x 64
96MB	(2) 4M x 36	(1) 8M x 64	None
96MB	(2) 8M x 36	(1) 2M x 64	(1) 2M x 64
96MB	(2) 8M x 36	(1) 4M x 64	None
128MB	(2) 8M x 36	(1) 4M x 64	(1) 4M x 64
128MB	(2) 8M x 36	(1) 8M x 64	None
128MB	(2) 16M x 36	None	None
136MB	(2) 1M x 36	(1) 8M x 64	(1) 8M x 64
136MB	(2) 16M x 36	(1) 1M x 64	None
144MB	(2) 2M x 36	(1) 8M x 64	(1) 8M x 64
144MB	(2) 16M x 36	(1) 1M x 64	(1) 1M x 64
144MB	(2) 16M x 36	(1) 2M x 64	None
160MB	(2) 4M x 36	(1) 8M x 64	(1) 8M x 64
160MB	(2) 16M x 36	(1) 2M x 64	(1) 2M x 64
160MB	(2) 16M x 36	(1) 4M x 64	None
192MB	(2) 16M x 36	(1) 4M x 64	(1) 4M x 64
192MB	(2) 16M x 36	(1) 8M x 64	None
192MB	(2) 8M x 36	(1) 8M x 64	(1) 8M x 64
256MB	(2) 32M x 36	None	None
256MB	(2) 16M x 36	(1) 8M x 64	(1) 8M x 64
264MB	(2) 32M x 36	(1) 1M x 64	None
272MB	(2) 32M x 36	(1) 1M x 64	(1) 1M x 64
272MB	(2) 32M x 36	(1) 2M x 64	None
288MB	(2) 32M x 36	(1) 2M x 64	(1) 2M x 64
288MB	(2) 32M x 36	(1) 4M x 64	None
320MB	(2) 32M x 36	(1) 4M x 64	(1) 4M x 64
320MB	(2) 32M x 36	(1) 8M x 64	None
384MB	(2) 16M x 36	(1) 8M x 64	(1) 8M x 64

Note: Board accepts EDO memory.

Continued on next page...

FIRST INTERNATIONAL COMPUTER, INC.

PA-2006

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

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

CACHE TYPE CONFIGURATION	
Type	SRAM3
Intel burst	Pins 1 & 2 closed
Linear burst	Pins 2 & 3 closed

CPU SPEED SELECTION (CX M1)							
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	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	CLK1	CLK2	CLK3	FREQ1	FREQ2
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
180MHz	75MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
225MHz	75MHz	3x	1 & 2	2 & 3	1 & 2	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.

Continued on next page...

FIRST INTERNATIONAL COMPUTER, INC.
 P A - 2 0 0 6

... continued from previous page

CPU SPEED SELECTION (IBM M1)							
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	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 M2)							
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
180MHz	75MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
225MHz	75MHz	3x	1 & 2	2 & 3	1 & 2	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 (AM K5)							
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
120MHz	60MHz	1.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
133MHz	66MHz	1.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
150MHz	60MHz	1.75x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
166MHz	66MHz	1.75x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
200MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)							
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2
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.

Continued on next page. . .

FIRST INTERNATIONAL COMPUTER, INC.

PA-2006

... continued from previous page

CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
120MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
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

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
3.5v	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed

CPU VOLTAGE SELECTION (DUAL)			
Voltage	V core	VR1	VR2
3.3v	2.8v	Pins 7 & 8 closed	Pins 5 & 6, 7 & 8 closed
3.3v	2.9v	Pins 7 & 8 closed	Pins 5 & 6, 7 & 8 closed
3.3v	3.2v	Pins 5 & 6 closed	Pins 5 & 6, 7 & 8 closed