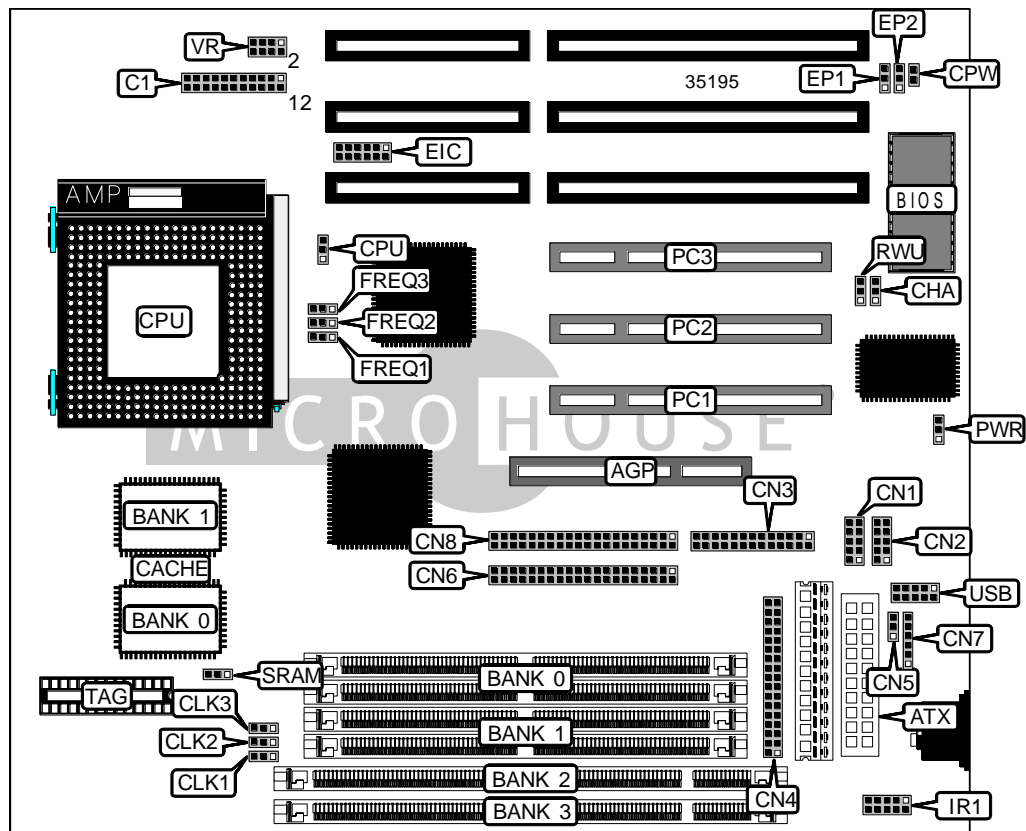


# FIRST INTERNATIONAL COMPUTER, INC.

## VA - 503

<b>Device Type</b>	Mainboard
<b>Processor</b>	CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/AM K6/Pentium
<b>Processor Speed</b>	133/150/166/200/233/266/300MHz
<b>Chip Set</b>	VIA
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	512MB (EDO & SDRAM supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	512/1024KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	254mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector, ATX power connector, AGP slot
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Parallel port	CN3
ATX power connector	ATX	Floppy drive interface	CN4
Power LED & keylock	C1/pins 1 - 5	Remote power connector	CN5
Turbo LED	C1/pins 6 & 7	IDE interface 1	CN6
Green PC connector	C1/pins 8 & 9	PS/2 mouse interface	CN7
Green PC LED	C1/pins 10 & 11	IDE interface 2	CN8
Speaker	C1/pins 12 - 15	CPU fan power	CPU
IDE interface LED	C1/pins 16 & 17	EISCA CPU fan connector	EIC
Soft off power supply	C1/pins 18 & 19	IR connector	IR1
Reset switch	C1/pins 20 & 21	32-bit PCI slots	PC1 - PC3
Chassis fan power	CHA	Remote wake up connector	RWU
Serial port 1	CN1	USB connector	USB
Serial port 2	CN2		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Password disabled	CPW	Open
Password enabled	CPW	Closed
í Power supply select AT	PWR	Pins 1 & 2 closed
Power supply select ATX	PWR	Pins 2 & 3 closed
í Burst type select Intel	SRAM	Pins 1 & 2 closed
Burst type select linear	SRAM	Pins 2 & 3 closed

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
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36

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SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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.

DIMM CONFIGURATION		
Size	Bank 2	Bank 3
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
512KB	(1) 64K x 64	None	(1) 16K/32K x 8
1MB	(1) 64K x 64	(1) 64K x 64	(1) 32K x 8

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CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2	FREQ3
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)								
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2	FREQ3
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2	FREQ3
166MHz	50MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
166MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
200MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
266MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2	FREQ3
166MHz	50MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
166MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
200MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
266MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2	FREQ3
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
266MHz	66MHz	4x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	Clock speed	Multiplier	CLK1	CLK2	CLK3	FREQ1	FREQ2	FREQ3
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (DUAL)		
Voltage	V core	VR
3.3v	2.2v	Pins 5 & 6 closed
3.3v	2.8v	Pins 1 & 2 closed
3.3v	2.9v	Pins 1 & 2, 7 & 8 closed
3.3v	3.2v	Pins 1 & 2, 3 & 4 closed

FLASH BIOS SELECTION		
Type	EP1	EP2
ATMEL AT29C010	Pins 1 & 2 closed	Pins 1 & 2 closed
ATMEL AT29C020	Pins 1 & 2 closed	Pins 2 & 3 closed
Intel 28F001	Pins 2 & 3 closed	Pins 1 & 2 closed
MXIC MX28F1000	Pins 2 & 3 closed	Pins 1 & 2 closed
SST 29EE010	Pins 1 & 2 closed	Pins 1 & 2 closed
SST 29EE020	Pins 1 & 2 closed	Pins 2 & 3 closed
Windbond 29C020	Pins 1 & 2 closed	Pins 2 & 3 closed