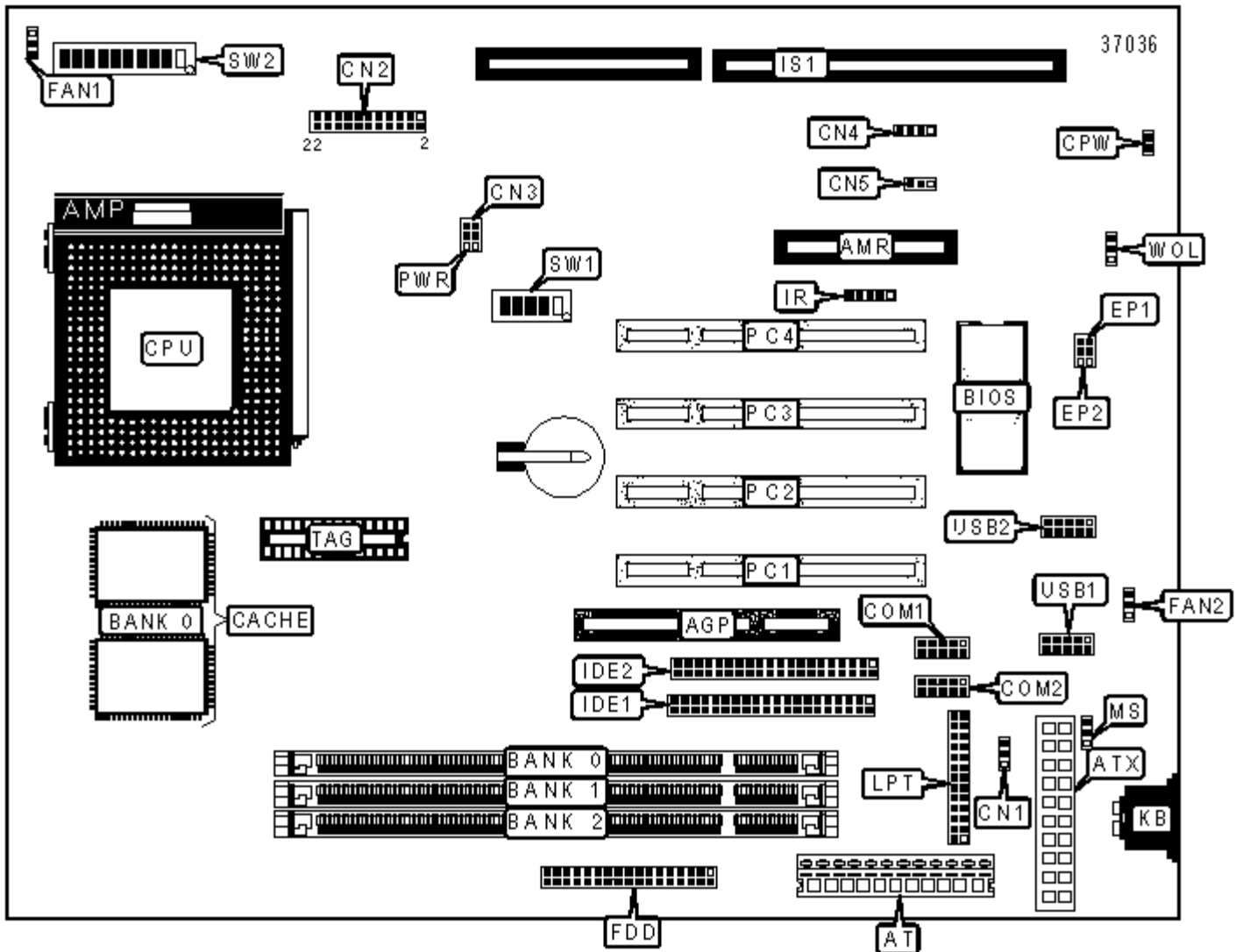


FIRST INTERNATIONAL COMPUTER, INC.

VA-503A

Device Type	Mainboard
Processor	CX 6X86L/CX 686MX/IBM 6X86L/IBM 6X86MX/AM K6/AM K6-2/Pentium/Pentium MMX
Processor Speed	100/133/166/200/233/266/300/333/350/366/380/400/450MHz
Chip Set	VIA
Maximum Onboard Memory	768MB (SDRAM supported)
Cache	512/1024/2048KB (located on the CPU)
BIOS	Award
Dimensions	216mm x 242mm
I/O Options	16-bit ISA slot (1), 32-bit PCI slots (4), floppy drive interface, game/MIDI interface, green PC connector, IDE interfaces (2), parallel port, AT keyboard port, PS/2 mouse interface, serial interfaces (2), IR connector, USB interfaces (2), AT power connector, ATX power connector, AGP slot, AMR slot, Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
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AGP slot	AGP	Serial interface 2	COM2
AMR slot	AMR	CPU fan power	FAN1
AT power connector	AT	Chassis fan power	FAN2
ATX power connector	ATX	Floppy drive interface	FDD
Remote power connector	CN1	IDE interface 1	IDE1
IDE interface LED	CN2/Pins 1 & 2	IDE interface 2	IDE2
Speaker	CN2/Pins 7, 9, 11 & 13	IR connector	IR
Power LED	CN2/Pins 8, 10 & 12	16-bit ISA slot	IS1
Soft off power supply	CN2/Pins 14 & 16	AT keyboard port	KB
Reset switch	CN2/Pins 15 & 17	Parallel interface	LPT
Green PC connector	CN2/Pins 21 & 23	PS/2 mouse interface	MS
Message LED	CN2/Pins 22 & 24	32-bit PCI slots	PC1 - PC4
Chassis intrusion connector	CN3	USB interface 1	USB1
Game/MIDI interface	CN4	USB interface 2	USB2
Remote power connector	CN5	Wake-on-LAN connector	WOL
Serial interface 1	COM1		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Clear password disabled	CPW	Open
	Clear password enabled	CPW	Closed
	ATX power supply enabled	PWR	Pins 2 & 3 closed
	AT power supply enabled	PWR	Pins 1 & 2 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None

16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board supports SDRAM memory.

CACHE CONFIGURATION

Size	Bank 0	Bank 1	TAG
512KB	(1) 64K x 64	None	32K x 8
1024KB	(1) 64K x 64	(1) 64K x 64	32K x 8
2048KB	(1) 128K x 64	(1) 128K x 64	64K x 8

CPU SPEED SELECTION

CPU speed	SDRAM speed	S2/4	S2/5	S2/6	S2/7	S2/8	S2/9	S2/10
66MHz	66MHz	Off	Off	Off	Off	On	On	Off
75MHz	75MHz	Off	On	Off	Off	On	On	On
83.3MHz	83.3MHz	On	On	Off	Off	Off	On	On
95MHz	95MHz	On	Off	Off	On	Off	On	On
100MHz	66MHz	Off	Off	On	On	Off	Off	On
100MHz	100MHz	Off	Off	Off	On	Off	On	On

CPU MULTIPLIER SELECTION

Multiplier	SW2/1	SW2/2	SW2/3
2x	Off	Off	On
2.5x	On	Off	On
3.x	On	Off	Off
3.5x	Off	Off	Off
4x	Off	On	On

4.5x	On	On	On
5x	On	On	Off
5.5x	Off	On	Off

CPU VOLTAGE SELECTION					
Voltage	S1/1	S1/2	S1/3	S1/4	S1/5
1.8v	Off	On	On	Off	On
1.9v	Off	On	On	On	Off
2v	Off	On	On	On	On
2.1v	On	Off	Off	Off	Off
2.2v	Off	Off	Off	Off	On
2.3v	On	Off	Off	Off	On
2.4v	Off	Off	Off	On	Off
2.5v	On	Off	Off	On	Off
2.6v	Off	Off	Off	On	On
2.7v	On	Off	Off	On	On
2.8v	Off	Off	On	Off	Off
2.9v	On	Off	On	Off	Off
3v	Off	Off	On	Off	On
3.1v	On	Off	On	Off	On
3.2v	Off	Off	On	On	Off
3.3v	On	Off	On	On	Off
3.4v	Off	Off	On	On	On
3.5v	On	Off	On	On	On

FLASH ROM TYPE SELECTION - 1MB		
Type	EP1	EP2
Intel 28F001 & MXIC 28F1000	Pins 2 & 3 closed	Pins 1 & 2 closed
ATMEL AT29C010, SST 29EE010 & AMD AM29F001NT	Pins 1 & 2 closed	Pins 1 & 2 closed

FLASH ROM TYPE SELECTION - 2MB

Type	EP1	EP2
MXIC 28F2000	Pins 2 & 3 closed	Pins 2 & 3 closed
ATMEL AT29C020, SST 29EE020 & AMD AM29F002NT	Pins 1 & 2 closed	Pins 2 & 3 closed