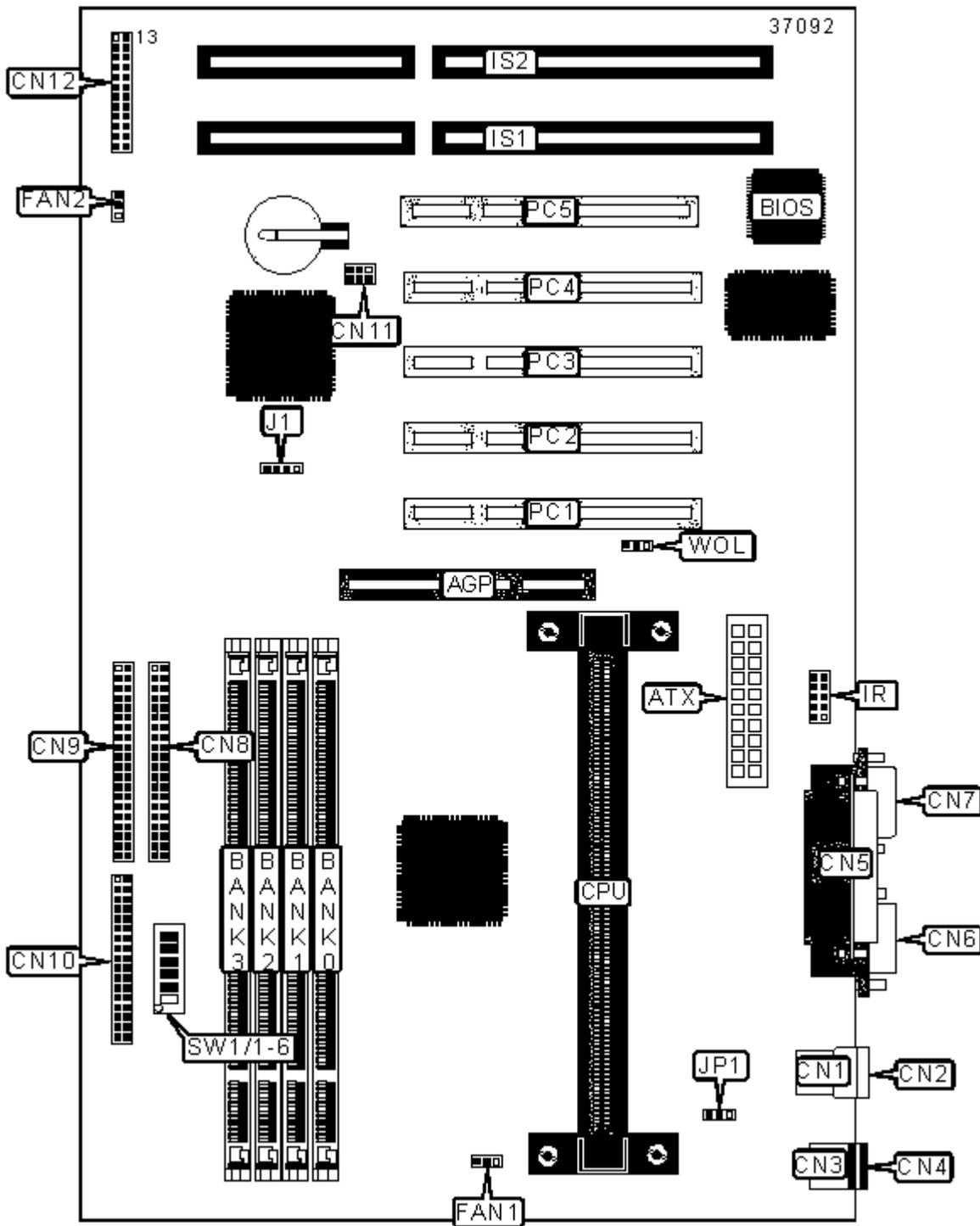# FIRST INTERNATIONAL COMPUTER, INC.

VB-601-V (REV. A5)

Device Type	Mainboard
Processor	Celeron/Pentium II
Processor Speed	233/266/300/333/350/400/450/500MHz
Chip Set	VIA
Maximum Onboard Memory	1GB (SDRAM supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Unidentified
Dimensions	Unidentified
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 keyboard port, serial ports (2), IR connector, USB ports (2), USB interface, ATX power connector, AGP slot, SB-link connector, wake-on-LAN connector

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Speaker	CN12/Pins 4 - 7
ATX power connector	ATX	Reset switch	CN12/Pins 8 & 9
USB port 1	CN1	Green PC connector	CN12/Pins 11 & 12
USB port 2	CN2	Power LED	CN12/Pins 16 - 18
PS/2 mouse port	CN3	Power switch	CN12/Pins 19 & 20

PS/2 keyboard port	CN4	Message LED	CN12/Pins 23 & 24
Parallel port	CN5	CPU fan power	FAN1
Serial port 1	CN6	Chassis fan power	FAN2
Serial port 2	CN7	IR connector	IR
IDE interface 2	CN8	16-bit ISA slots	IS1-IS2
IDE interface 1	CN9	USB interface	J1
Floppy drive interface	CN10	32-bit PCI slots	PC1 - PC5
SB-link connector	CN11	Wake-on-LAN connector	WOL
IDE interface LED	CN12/Pins 1 & 13		

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	Keyboard power on disabled	JP1	Pins 2 & 3 closed
	Keyboard power on enabled	JP1	Pins 1 & 2 closed
»	CMOS memory normal operation	SW1/5	Off
	CMOS memory clear	SW1/5	On
»	Password normal operation	SW1/6	Off
	Password clear	SW1/6	On

DIMM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
8MB	(1) 1M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 4M x 64	None	None	None

48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None	None
64MB	(1) 8M x 64	None	None	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 16M x 64	None	None	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 32M x 64	None	None	None
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None	None
528MB	(1) 32M x 64	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
544MB	(1) 32M x 64	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
576MB	(1) 32M x 64	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
640MB	(1) 32M x 64	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None

768MB	(1) 32M x 64	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
1024MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
Note: Board supports SDRAM memory.				

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPUs. 128KB cache is located on the Celeron 300A and greater CPUs.

CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	On	Off	On	Off
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	On	On	Off	Off
333MHz	66MHz	5x	On	Off	Off	On
350MHz	100MHz	3.5x	On	Off	On	Off
400MHz	100MHz	4x	On	On	Off	On
450MHz	100MHz	4.5x	On	On	Off	Off
500MHz	100MHz	5x	On	Off	Off	On