FIRST INTERNATIONAL COMPUTER, INC.

VL-603

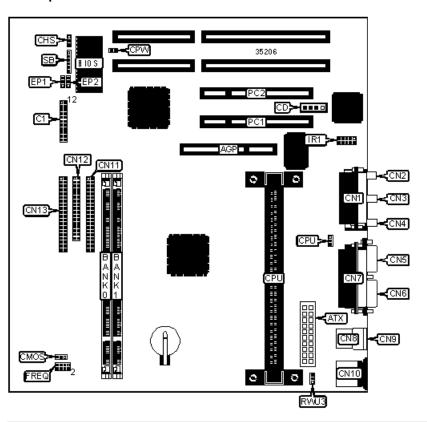|	
Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II CPU)
BIOS	Unidentified
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (2), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in – CD-ROM
NPU Options	None

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Line out	CN4
ATX power connector	ATX	Serial port 2	CN5

Power LED & keylock	C1/pins 1 - 5	Serial port 1	CN6
Turbo LED	C1/pins 6 & 7	Parallel port	CN7
Green PC connector	C1/pins 8 & 9	USB connector 2	CN8
Green PC LED	C1/pins 10 & 11	USB connector 1	CN9
Speaker	C1/pins 12 - 15	PS/2 mouse port	CN10
IDE interface LED	C1/pins 16 & 17	IDE interface 2	CN11
Soft off power supply	C1/pins 18 & 19	Floppy drive interface	CN12
Reset switch	C1/pins 20 & 21	IDE interface 1	CN13
Audio in – CD-ROM	CD	CPU fan power	CPU
Chassis fan power	CHS	IR connector	IR1
Game/MIDI port	CN1	32-bit PCI slots	PC1 – PC2
Microphone in	CN2	Remote wake up connector	RWU3
Line in	CN3	SB link connector	SB

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
» CMOS memory normal operation	CMOS	Pins 2 & 3 closed
CMOS memory clear	CMOS	Pins 1 & 2 closed
» Password normal operation	CPW	Open
Password clear	CPW	Closed

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

Size	Bank 0	Bank 1
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

DIMM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
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 EDO & SDRAM memory.		

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	FREQ
233MHz	66MHz	3.5x	5 & 6, 7 & 8
266MHz	66MHz	4x	1 & 2, 3 & 4, 7 & 8
300MHz	66MHz	4.5x	3 & 4, 7 & 8
333MHz	66MHz	5x	1 & 2, 7 & 8

Note: Pins designated should be in the closed position.

FLASH BIOS SELECTION		
Type	EP1	EP2
Intel 28F001	Pins 2 & 3 closed	Pins 1 & 2 closed
MXIC 28F1000	Pins 2 & 3 closed	Pins 1 & 2 closed
SST 29EE010	Pins 1 & 2 closed	Pins 1 & 2 closed
ATMEL AT29C010	Pins 1 & 2 closed	Pins 1 & 2 closed
MXIC 28F2000	Pins 2 & 3 closed	Pins 2 & 3 closed
SST 29EE020	Pins 1 & 2 closed	Pins 2 & 3 closed
ATMEL AT29C020	Pins 1 & 2 closed	Pins 2 & 3 closed
AMD 28F020	Pins 1 & 2 closed	Pins 2 & 3 closed