FIRST INTERNATIONAL COMPUTER, INC.

VB-601-V

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300/333MHz
Chip Set	VIA
Maximum Onboard Memory	1GB (EDO & SDRAM supported)
Cache	0/128/256/512KB (located on CPU)
BIOS	Unidentified
Dimensions	305mm x 203mm
I/O Options	32-bit PCI slots (5), floppy drive interface, 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
NPU Options	None

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
	AGP		C1/pins 8 & 9

AGP slot	AGP	Green PC connector	C1/pins 8 & 9
ATX power connector	ATX	Green PC LED	C1/pins 10 & 11
Parallel port	CN1	Speaker	C1/pins 12 - 15
Serial port 2	CN2	IDE interface LED	C1/pins 16 & 17
Serial port 1	CN3	Soft off power supply	C1/pins 18 & 19
USB connector 1	CN4	Reset switch	C1/pins 20 & 21
USB connector 2	CN5	CPU fan power	FAN1
PS/2 mouse port	CN6	Chassis fan power	FAN2
IDE interface 2	CN7	IR connector	IR1
IDE interface 1	CN8	32-bit PCI slots	PC1 - PC5
Floppy drive interface	CN9	SB-link connector	SB1
Power LED & keylock	C1/pins 1 - 5	Wake on LAN connector	WOL
Turbo LED	C1/pins 6 & 7		

USER CONFIGURABLE SETTINGS			
	Function	Label	Position
»	CMOS memory normal operation	SW1/5	Off
	CMOS memory clear	SW1/5	On
»	Password disabled	SW1/6	Off
	Password enabled	SW1/6	On

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

Size	Bank 0	Bank 1	Bank 2	Bank 3
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	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) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None

DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
96MB	(1) 8M x 64	(1) 4M x 64	None	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
256MB	(1) 32M x 64	None	None	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64

272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
280MB	(1) 32M x 64	(1) 1M 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
448MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
640MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
1024MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts EDO & SDRAM memory.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 CPU.

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

FLASH BIOS SELECTION

Type	FB1	FB2

Type	EP1	EP2
AMD AM29F002T	Pins 2 & 3 closed	Pins 2 & 3 closed
ATMEL AT29C010A	Pins 2 & 3 closed	Open
ATMEL AT29C020	Pins 2 & 3 closed	Pins 2 & 3 closed
Intel 28F001	Pins 1 & 2 closed	Pins 1 & 2 closed
MXIC MX28F1000	Pins 1 & 2 closed	Pins 1 & 2 closed
MXIC MX28F2000P	Pins 1 & 2 closed	Pins 2 & 3 closed
SST 29EE010	Pins 2 & 3 closed	Open
SST 29EE020	Pins 2 & 3 closed	Pins 2 & 3 closed