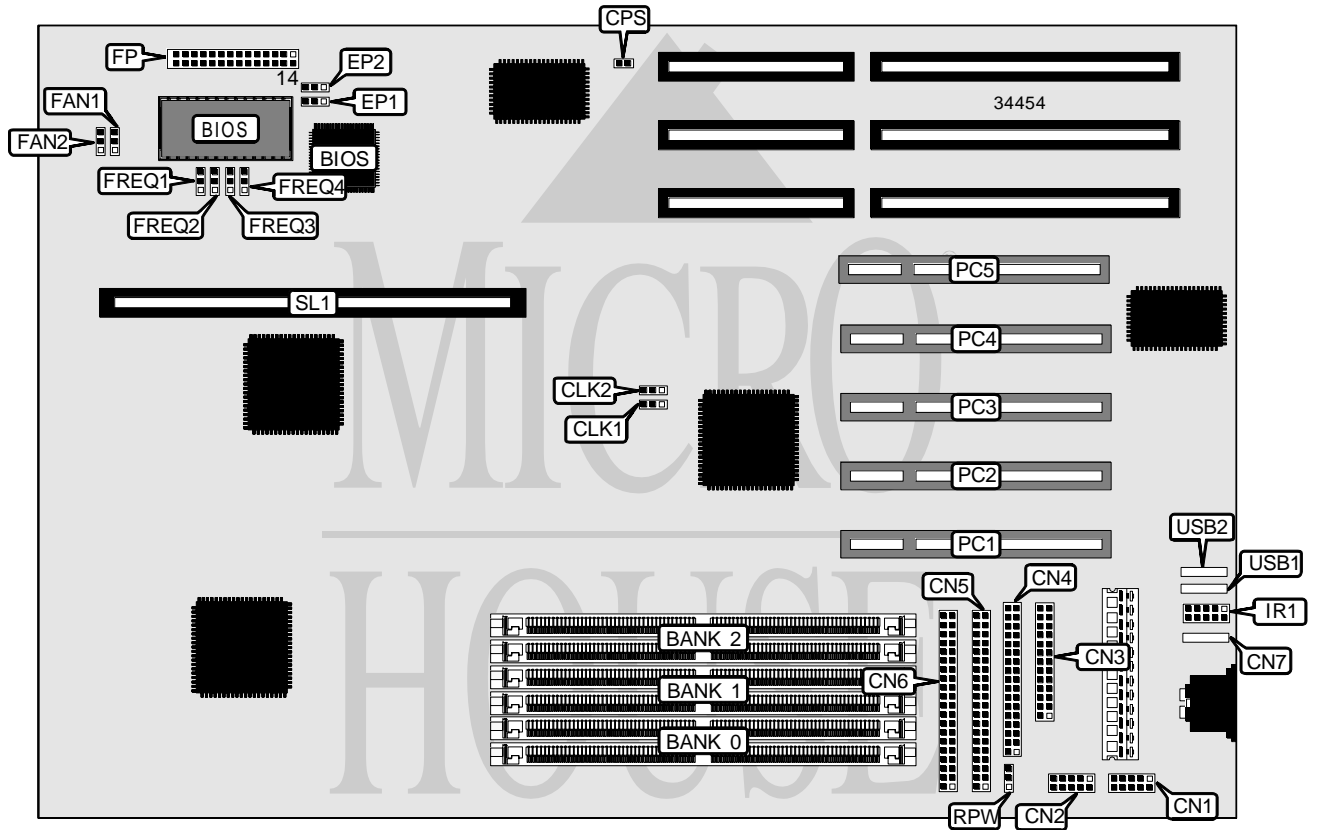


# FIRST INTERNATIONAL COMPUTER, INC.

## KN - 6000

<b>Processor</b>	Pentium II
<b>Processor Speed</b>	233/266/300/333MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	768MB (EDO supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB (located on Pentium II CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connectors (2), CPU Slot 1
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	CN1	Reset switch	FP/pins 12 & 13
Serial port 2	CN2	Turbo LED	FP/pins 15 & 16
Parallel port	CN3	Turbo switch	FP/pins 18 & 19
Floppy drive interface	CN4	IDE interface LED	FP/pins 21 & 22
IDE interface 1	CN5	IR connector	IR1
IDE interface 2	CN6	32-bit PCI slots	PC1 – PC5
PS/2 mouse interface	CN7	Remote power connector	RPW
CPU fan power	FAN1	CPU Slot 1	SL1
Chassis fan power	FAN2	USB connector 1	USB1
Power LED & keylock	FP/pins 1 - 5	USB connector 2	USB2
Speaker	FP/pins 7 - 10		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Password normal operation	CPS	Open
Password clear	CPS	Closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 2M x 36	None	None
24MB	(2) 2M x 36	(2) 1M x 36	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None
40MB	(2) 4M x 36	(2) 1M x 36	None
48MB	(2) 4M x 36	(2) 2M x 36	None
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
64MB	(2) 8M x 36	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None
80MB	(2) 8M x 36	(2) 2M x 36	None
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 4M x 36	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 16M x 36	None	None
128MB	(2) 8M x 36	(2) 8M x 36	None
136MB	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36
136MB	(2) 16M x 36	(2) 1M x 36	None
144MB	(2) 16M x 36	(2) 2M x 36	None
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
152MB	(2) 16M x 36	(2) 2M x 36	(2) 1M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
168MB	(2) 16M x 36	(2) 4M x 36	(2) 1M x 36
176MB	(2) 16M x 36	(2) 4M x 36	(2) 2M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
208MB	(2) 16M x 36	(2) 8M x 36	(2) 2M x 36
224MB	(2) 16M x 36	(2) 8M x 36	(2) 4M x 36
256MB	(2) 16M x 36	(2) 16M x 36	None
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36
264MB	(2) 16M x 36	(2) 16M x 36	(2) 1M x 36
272MB	(2) 16M x 36	(2) 16M x 36	(2) 2M x 36
288MB	(2) 16M x 36	(2) 16M x 36	(2) 4M x 36
320MB	(2) 16M x 36	(2) 16M x 36	(2) 8M x 36
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
256MB	(2) 32M x 36	None	None
264MB	(2) 32M x 36	(2) 1M x 36	None
272MB	(2) 32M x 36	(2) 2M x 36	None
288MB	(2) 32M x 36	(2) 4M x 36	None
320MB	(2) 32M x 36	(2) 8M x 36	None
384MB	(2) 32M x 36	(2) 16M x 36	None
512MB	(2) 32M x 36	(2) 32M x 36	None
520MB	(2) 32M x 36	(2) 32M x 36	(2) 1M x 36
528MB	(2) 32M x 36	(2) 32M x 36	(2) 2M x 36
544MB	(2) 32M x 36	(2) 32M x 36	(2) 4M x 36
576MB	(2) 32M x 36	(2) 32M x 36	(2) 8M x 36
640MB	(2) 32M x 36	(2) 32M x 36	(2) 16M x 36
768MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36

Note: Board accepts EDO memory.

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

CPU SPEED SELECTION								
CPU speed	Clock speed	Multiplier	CLK1	CLK2	FREQ1	FREQ2	FREQ3	FREQ4
233MHz	66MHz	3.5x	1 & 2	2 & 3	Open	Open	Closed	Closed
266MHz	66MHz	4x	1 & 2	2 & 3	Closed	Closed	Open	Closed
300MHz	66MHz	4.5x	1 & 2	2 & 3	Open	Closed	Open	Closed
333MHz	66MHz	5x	1 & 2	2 & 3	Closed	Open	Open	Closed

Note: Pins designated should be in the closed position.

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1MB FLASH BIOS SELECTION		
Type	EP1	EP2
Intel	Open	Pins 2 & 3 closed
SST 29EE010	Open	Open

2MB FLASH BIOS SELECTION		
Type	EP1	EP2
AMD AM29F002T	Pins 1 & 2 closed	Pins 1 & 2 closed
ATMEL AT29C020	Pins 1 & 2 closed	Open
MXIC MX28F2000P	Pins 1 & 2 closed	Pins 2 & 3 closed
SST 29EE020	Pins 1 & 2 closed	Open