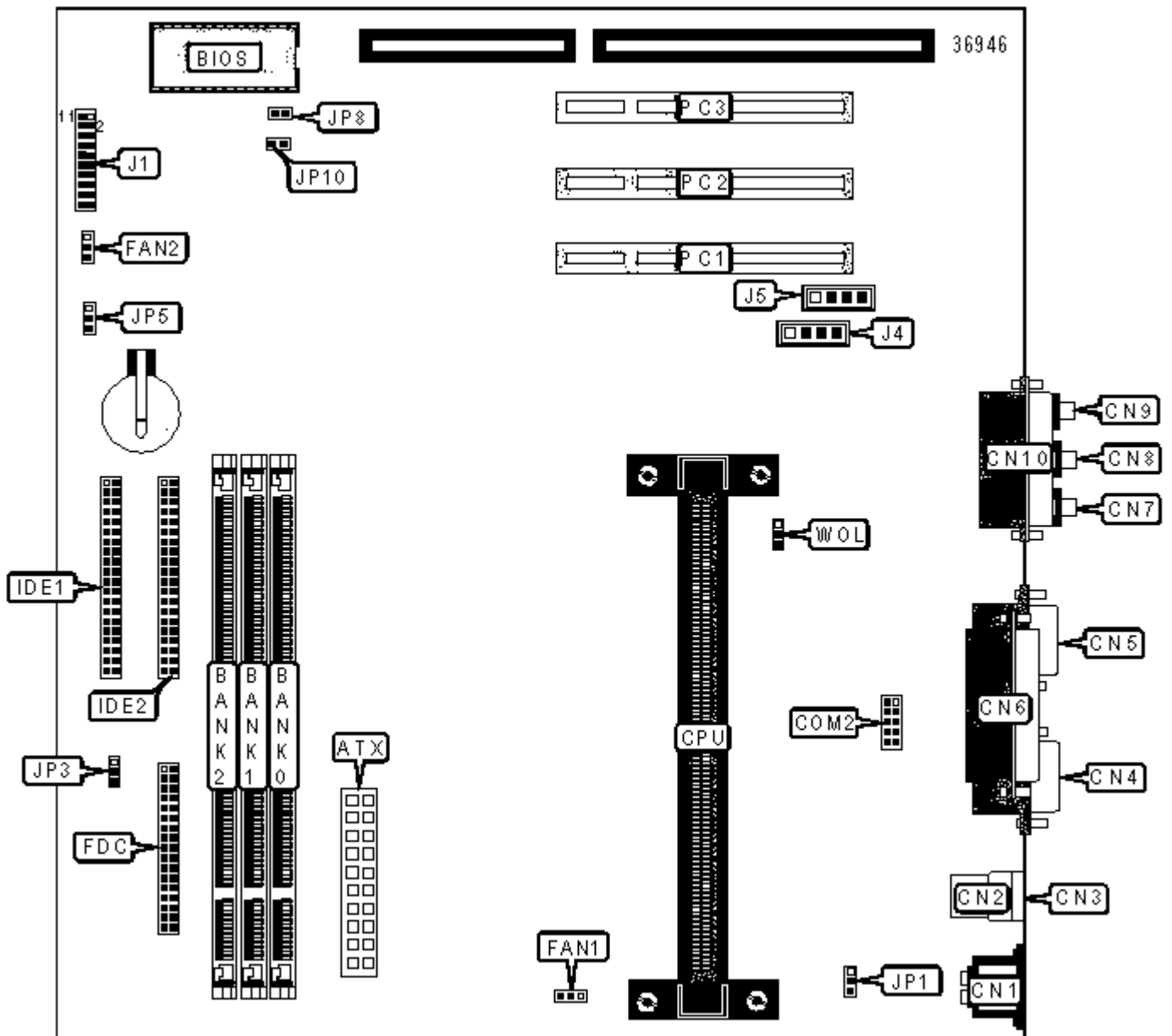


## SOYO COMPUTER CO., LTD.

### SY-6IBM

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium III/Pentium II/Celeron
<b>Processor Speed</b>	233/266/300/333/350/366/400/433/450/500/550MHz
<b>Chip Set</b>	Intel 440BX
<b>Video Chip Set</b>	ATI
<b>Audio Chip Set</b>	Yamaha
<b>Maximum Onboard Memory</b>	768MB (SDRAM supported)
<b>Maximum Video Memory</b>	8MB
<b>Maximum Audio Memory</b>	Unidentified
<b>Cache</b>	0/128/256/512KB (located on the CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	244mm x 220mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, game port, IDE interfaces (2), parallel port, PS/2 mouse port, Green PC connector, serial interface, serial port, VGA port, IR connector, USB ports (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROMs (2), Wake-on-LAN connector



### CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 1	IDE1
PS/2 mouse port	CN1	IDE interface 2	IDE2
USB port 1	CN2	IR connector	IR
USB port 2	CN3	Power LED & keylock	J1/Pins 1 - 5
Serial port	CN4	Speaker	J1/Pins 7 - 10
VGA port	CN5	IDE interface LED	J1/Pins 11 & 12
Parallel port	CN6	Turbo LED	J1/Pins 14 & 15
Line out	CN7	Power switch	J1/Pins 17 & 18

Line in	CN8	Reset switch	J1/Pins 19 & 20
Microphone in	CN9	Audio in - CD-ROM 1	J4
Game port	CN10	Audio in - CD-ROM 2	J5
Serial interface	COM2	Green PC connector	JP10
CPU fan power	FAN1	32-bit PCI slots	PC1 - PC3
Chassis fan power	FAN2	Wake-on-LAN connector	WOL
Floppy drive interface	FDC		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Power-on keyboard enabled	JP1	Pins 1 & 2 closed
	Power-on keyboard disabled	JP1	Pins 2 & 3 closed
	AGP clock at 66MHz or 100MHz through BIOS	JP3	Pins 2 & 3 closed
	AGP clock at 100MHz	JP3	Pins 1 & 2 closed
»	CMOS memory normal operation	JP5	Pins 1 & 2 closed
	CMOS memory clear	JP5	Pins 2 & 3 closed
	Power button enabled	JP8	Closed
	Power button through BIOS control enabled	JP8	Open

### 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

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