SOYO COMPUTER CO., LTD.

SY-6KBE

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel 440LX
Maximum Onboard Memory	128MB (EDO & SDRAM supported)
Cache	256/512KB (located on the Pentium II CPU)
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), 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
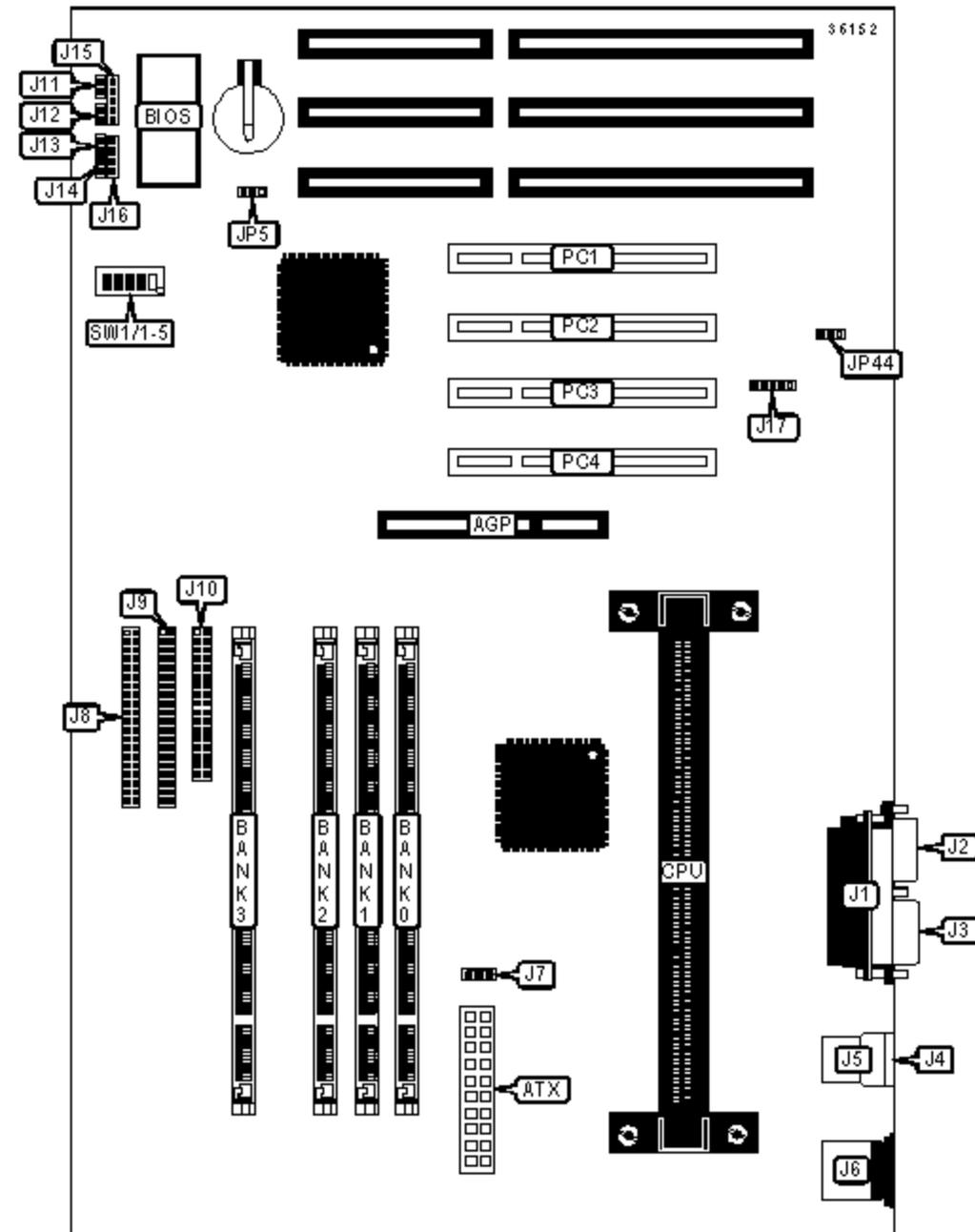
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**

AGP slot	AGP	Floppy drive interface	J10
ATX power connector	ATX	Reset switch	J11
Parallel port	J1	ATX power supply	J12
Serial port 2	J2	Turbo LED	J13
Serial port 1	J3	IDE interface LED	J14
USB connector 1	J4	Power LED & keylock	J15
USB connector 2	J5	Speaker	J16
PS/2 mouse port	J6	IR connector	J17
CPU fan power	J7	Wake-on-LAN connector	JP44
IDE interface 1	J8	32-bit PCI slots	PC1 - PC4
IDE interface 2	J9		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
» CMOS memory normal operation	JP5	Pins 1 & 2 closed
CMOS memory clear	JP5	Pins 2 & 3 closed

DIMM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
8MB	(2) 1M x 36	None	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
16MB	(2) 2M x 36	None	None	None
32MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	None
48MB	(2) 4M x 36	(2) 2M x 36	None	None

64MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	None	None
64MB	(2) 8M x 36	None	None	None
72MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36	(2) 1M x 36
72MB	(2) 4M x 36	(2) 4M x 36	(2) 1M x 36	None
72MB	(2) 8M x 36	(2) 1M x 36	None	None
80MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
88MB	(2) 4M x 36	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
88MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	None
96MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36	None
96MB	(2) 8M x 36	(2) 4M x 36	None	None
112MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 2M x 36
112MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
120MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
128MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36	None
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 16M x 36	None	None	None

Note: Board accepts EDO memory.

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

CPU SPEED SELECTION							
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**
» 233MHz	66MHz	3.5x	Off	On	Off	Off	On
266MHz	66MHz	4x	Off	On	On	On	Off
300MHz	66MHz	4.5x	Off	On	Off	On	Off
333MHz	66MHz	5x	Off	On	On	Off	Off