SOYO COMPUTER CO., LTD.

SY-6ZB

Device Type	Mainboard
Processor	Pentium II/Pentium III/Celeron
Processor Speed	233/266/300/333/350/366/400/433/450/500MHz
Chip Set	Intel 440ZX
Maximum Onboard Memory	256MB (SDRAM supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	220mm x 250mm
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel interface, PS/2 mouse interface, PS/2 mouse interface, serial interfaces (2), IR connector, USB interface, ATX power connector, Wake-on-LAN connector, SB-Link connector
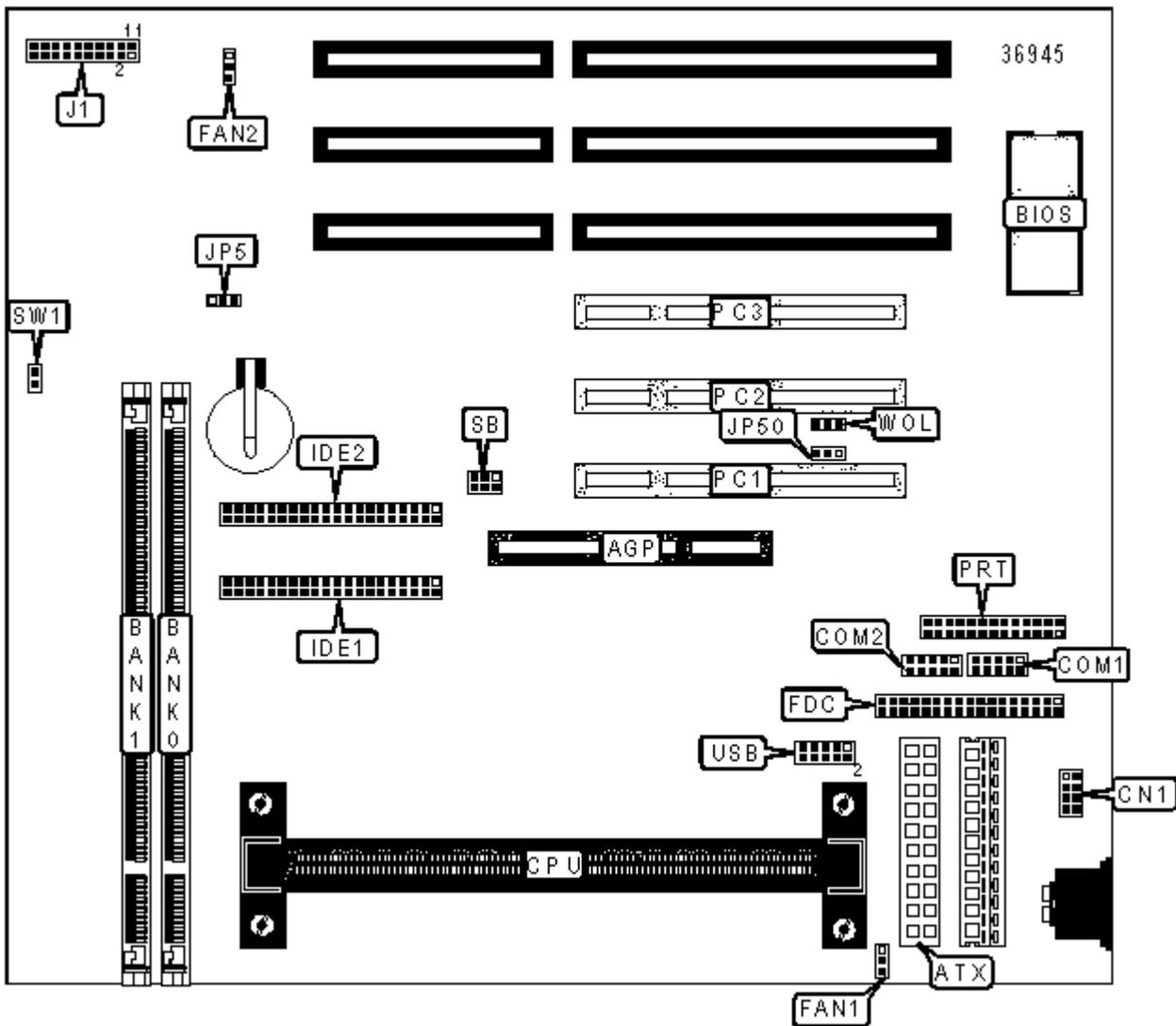
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Power LED & keylock	J1/Pins 1 - 5

ATX power connector	ATX	Speaker	J1/Pins 7 - 10
PS/2 mouse interface	CN1	Reset switch	J1/Pins 11 & 12
Serial interface 1	COM1	Power switch	J1/Pins 14 & 15
Serial interface 2	COM2	Turbo LED	J1/Pins 17 & 18
CPU fan power	FAN1	IDE interface LED	J1/Pins 19 & 20
Chassis fan power	FAN2	32-bit PCI slots	PC1 - PC3
Floppy drive interface	FDC	Parallel port	PRT
IDE interface 1	IDE1	SB-Link interface	SB
IDE interface 2	IDE2	USB interface	USB
IR connector	IR	Wake-on-LAN interface	WOL

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	CMOS memory normal operation	JP5	Pins 1 & 2 closed
	CMOS memory clear	JP5	Pins 2 & 3 closed
	Pwron keyboard enabled	JP50	Pins 1 & 2 closed
	Pwron keyboard disabled	JP50	Pins 2 & 3 closed
	AGP clock at 66MHz or 100MHz through BIOS	SW1	Closed
	AGP clock at 100MHz	SW1	Open

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
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
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

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.