# SOYO COMPUTER CO., LTD.

## SY-6ZE+
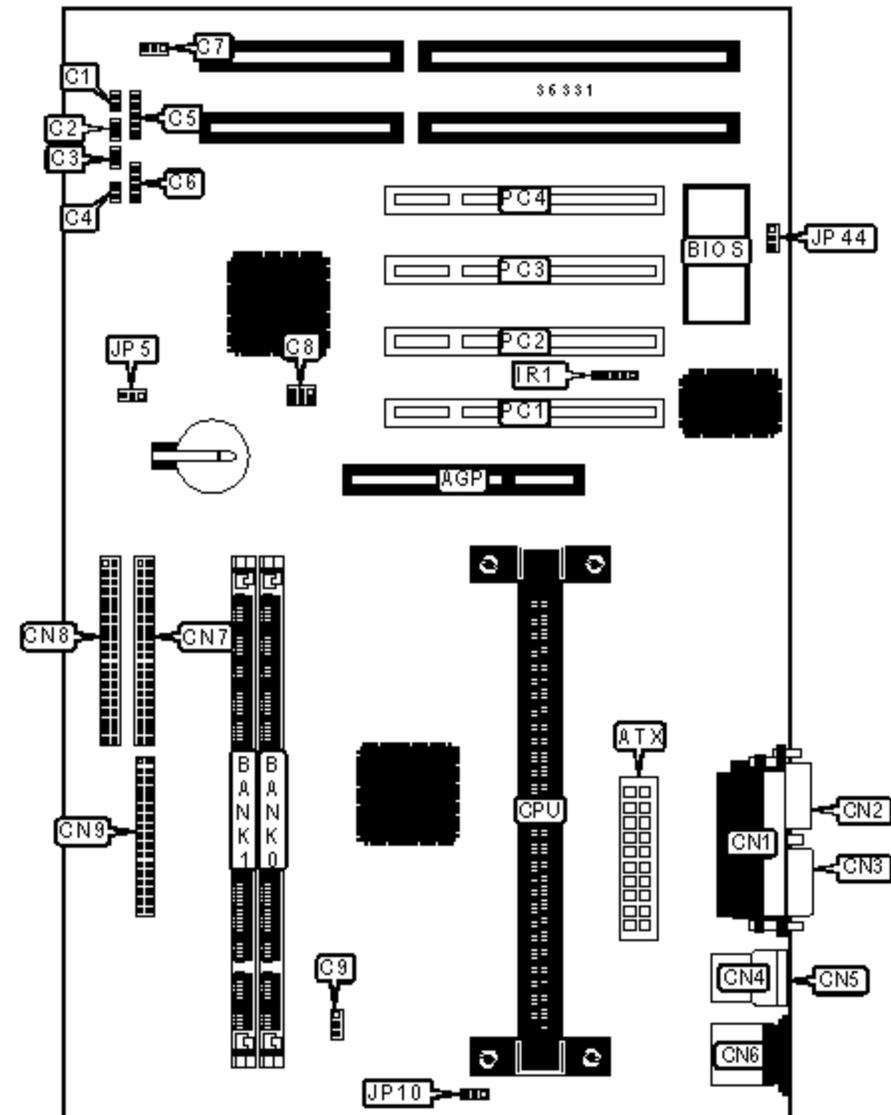
| | |
|---|---|
| **Device Type** | Mainboard |
| **Processor** | Pentium II/Celeron/Pentium III |
| **Processor Speed** | 233/266/333/366/350/400/433/450/466/500/550MHz |
| **Chip Set** | Intel 440ZX |
| **Maximum Onboard Memory** | 256MB (SDRAM & PC100 supported) |
| **Cache** | 0/128/256/512KB (located on the CPU) |
| **BIOS** | Award |
| **Dimensions** | 305mm x 244mm |
| **I/O Options** | 32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, SB-link connector, wake on LAN connector |



| CONNECTIONS | | | |
|---|---|---|---|
| **Purpose** | **Location** | **Purpose** | **Location** |
| AGP slot | AGP | Serial port 2 | CN2 |
| ATX power connector | ATX | Serial port 1 | CN3 |
| Reset switch | C1 | USB connector 1 | CN4 |

| | | | |
|---|---|---|---|
| Soft off power supply | C2 | USB connector 2 | CN5 |
| Turbo LED | C3 | PS/2 mouse port | CN6 |
| IDE interface LED | C4 | IDE interface 2 | CN7 |
| Power LED & keylock | C5 | IDE interface 1 | CN8 |
| Speaker | C6 | Floppy drive interface | CN9 |
| Chassis fan power | C7 | IR connector | IR1 |
| SB-link connector | C8 | Wake on LAN connector | JP44 |
| CPU fan power | C9 | 32-bit PCI slots | PC1 - PC4 |
| Parallel port | CN1 | | |

| USER CONFIGURABLE SETTINGS | | | |
|---|---|---|---|
| **Function** | | **Label** | **Position** |
| » | CMOS memory normal operation | JP5 | Pins 1 & 2 closed |
| | CMOS memory clear | JP5 | Pins 2 & 3 closed |
| » | Keyboard power on disabled | JP10 | Pins 2 & 3 closed |
| | Keyboard power on enabled | JP10 | Pins 1 & 2 closed |

| 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 |

| Size | Bank 0 | Bank 1 |
|------|--------|--------|
| 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 |

| DIMM CONFIGURATION (CON'T) | | |
|------|--------|--------|
| **Size** | **Bank 0** | **Bank 1** |
| 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 |
| Note: Board accepts SDRAM & PC100 memory. | | |

| CACHE CONFIGURATION |
|---------------------|
| Note: 256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300 & 333A CPU. The size of the Pentium III cache is unidentified. |