## SOYO COMPUTER CO., LTD.

SY-7IZB+

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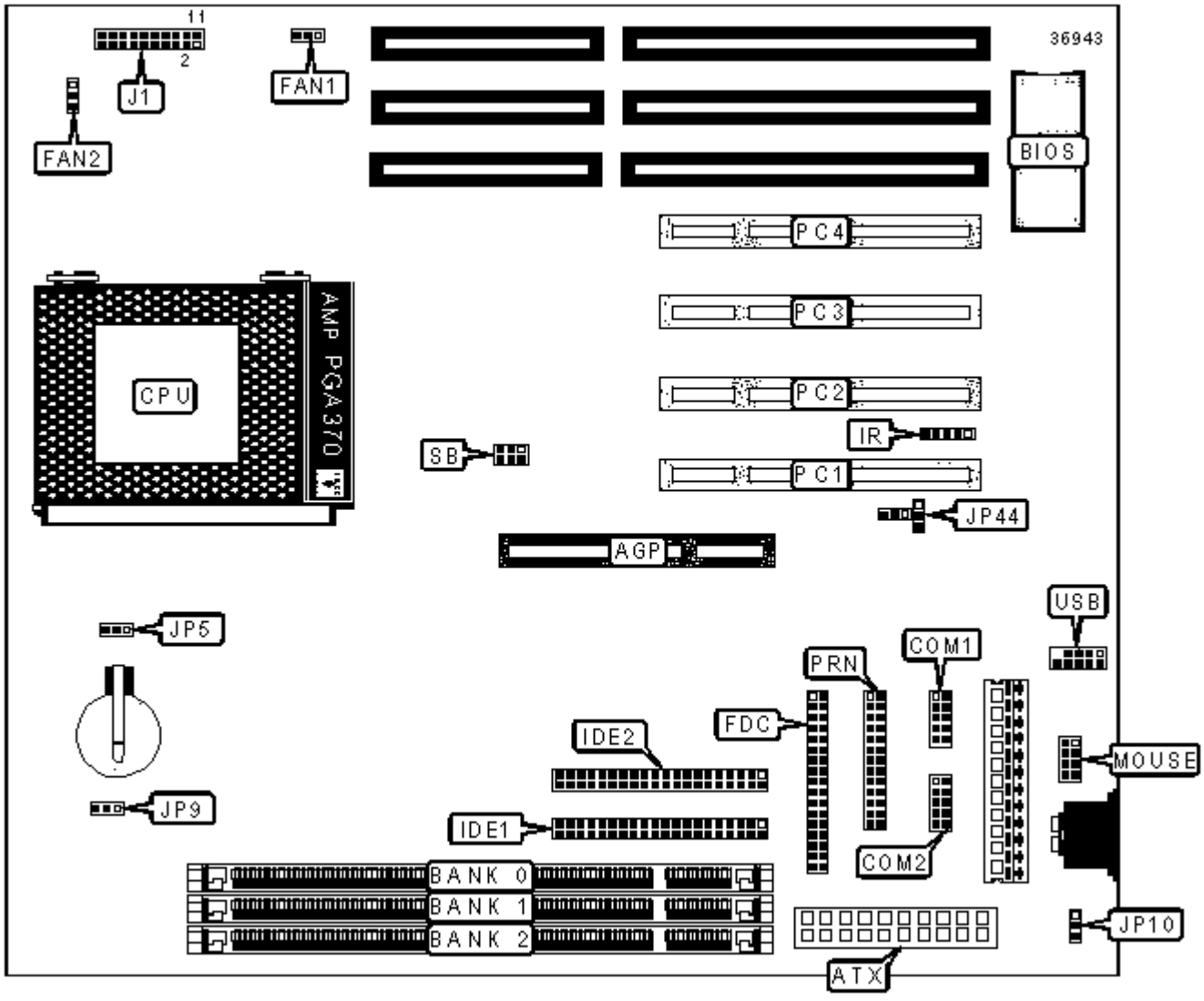
|---|---|
| **Device Type** | Mainboard |
| **Processor** | Celeron |
| **Processor Speed** | 300A/333/366/400/433/466/500MHz |
| **Chip Set** | Intel 440ZX |
| **Maximum Onboard Memory** | 256MB (SDRAM supported) |
| **Cache** | 128KB (located on the Celeron CPU) |
| **BIOS** | Award |
| **Dimensions** | 260mm x 220mm |
| **I/O Options** | 32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel interface, PS/2 mouse interface, serial interface (2), IR connector, USB interface, ATX power connector, AGP slot, Wake-on-LAN connector, SB-Link connector |




| CONNECTIONS | | | |
|---|---|---|---|
| **Purpose** | **Location** | **Purpose** | **Location** |
| AGP slot | AGP | Speaker | J1/Pins 7 - 10 |

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|---|---|---|---|
| ATX power connector | ATX | Reset switch | J1/Pins 11 & 12 |
| Serial interface 1 | COM1 | Power switch | J1/Pins 14 & 15 |
| Serial interface 2 | COM2 | Green PC LED | J1/Pins 17 & 18 |
| Chassis fan power | FAN1 | IDE interface LED | J1/Pins 19 & 20 |
| CPU fan power | FAN2 | Wake-on-LAN interface | JP44 |
| Floppy drive interface | FDC | PS/2 mouse interface | MOUSE |
| IDE interface 1 | IDE1 | 32-bit PCI slots | PC1 - PC4 |
| IDE interface 2 | IDE2 | Parallel port | PRT |
| IR connector | IR | SB-Link interface | SB |
| Power LED & keylock | J1/Pins 1 - 5 | USB interface | USB |

| USER CONFIGURABLE SETTINGS | | | |
|---|---|---|---|
| **Function** | | **Label** | **Position** |
| » | CMOS memory normal operation | JP5 | Pins 1 & 2 closed |
| | CMOS memory clear | JP5 | Pins 2 & 3 closed |
| | AGP clock at 66MHz or 100MHz through BIOS | JP9 | Pins 1 & 2 closed |
| | AGP clock at 100MHz | JP9 | Pins 2 & 3 closed |
| | Power-on keyboard enabled | JP10 | Pins 1 & 2 closed |
| | Power-on keyboard disabled | JP10 | Pins 2 & 3 closed |

| 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) 16M x 64 | (1) 8M x 64 | (1) 8M x 64 |
| Note: Board supports SDRAM memory. | | | |

| CACHE CONFIGURATION |
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| Note: 128KB cache is located on the Celeron 300A and greater CPUs. |