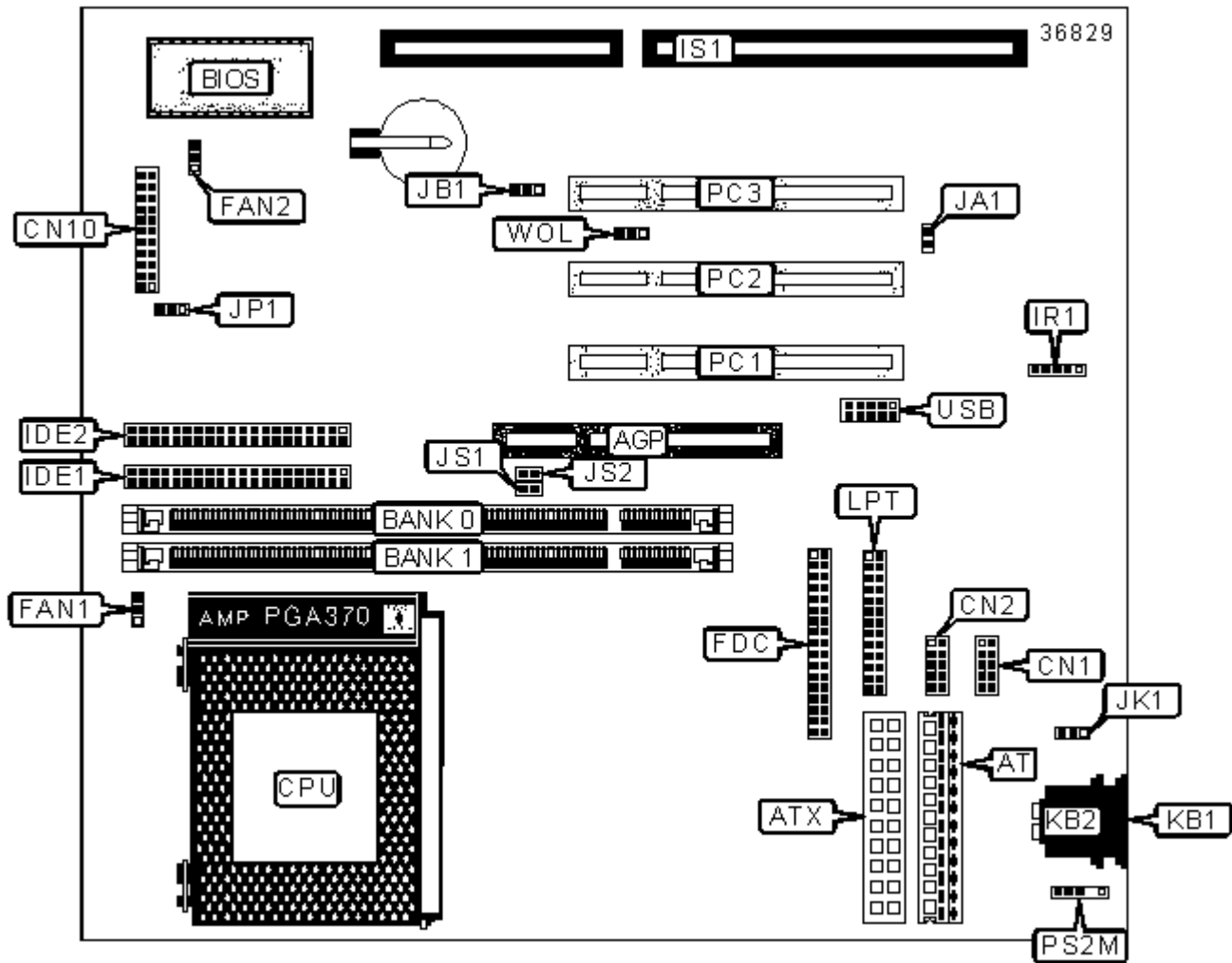


SUPERPOWER COMPUTER CO., LTD.

SP-7BZ

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366MHz
Chip Set	Intel 440ZX
Maximum Onboard Memory	256MB (SDRAM supported)
Cache	128KB (located on the Celeron CPU)
BIOS	Award
Dimensions	220mm x 220mm
I/O Options	32-bit PCI slots (3), 16-bit ISA slot, floppy drive interface, IDE interfaces (2), parallel interface, PS/2 mouse interface, serial interfaces (2), IR connector, USB interface, ATX power connector, AGP slot, Wake-on-LAN connector, AT power connector



CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	System fan power	FAN2
AT power connector	AT	Floppy drive interface	FDC
ATX power connector	ATX	IDE interface 1	IDE1

Serial interface 1	CN1	IDE interface 2	IDE2
Serial interface 2	CN2	IR connector	IR1
Power LED & keylock	CN10/Pins 1, 3, 5, 7 & 9	16-bit ISA slot	IS1
PC speaker	CN10/Pins 2, 4, 6 & 8	Keyboard port 1	KB1
IDE interface LED	CN10/Pins 11 & 12	Keyboard port 2	KB2
Green PC switch	CN10/Pins 13 & 14	Parallel interface	LPT
Reset switch	CN10/Pins 15 & 16	32-bit PCI slots	PC1 - PC3
Turbo LED	CN10/Pins 17 & 18	PS/2 mouse interface	PS2M
Green PC LED	CN10/Pins 19 & 20	USB interface	USB
Power switch	CN10/Pins 21 & 22	Wake-on-LAN connector	WOL
CPU fan power	FAN1		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JB1	Pins 1 & 2 closed
	CMOS memory clear	JB1	Pins 2 & 3 closed
	Keyboard wake-up enabled	JK1	Pins 2 & 3 closed
	Keyboard wake-up disabled	JK1	Pins 1 & 2 closed
»	Factory configured - do not alter	JP1	Unidentified
	CPU bus clock select 66MHz	JS1	Closed
	CPU bus clock select 100MHz	JS1	Open
	CPU bus clock select automatic - overrides JS1	JS2	Closed
	CPU bus clock select controlled by JS1	JS2	Open

DIMM CONFIGURATION

Size	Bank 0	Bank 1
16MB	(1) 2M x 64	None

32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
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

Note: Board supports EDO & SDRAM memory.

CACHE CONFIGURATION

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