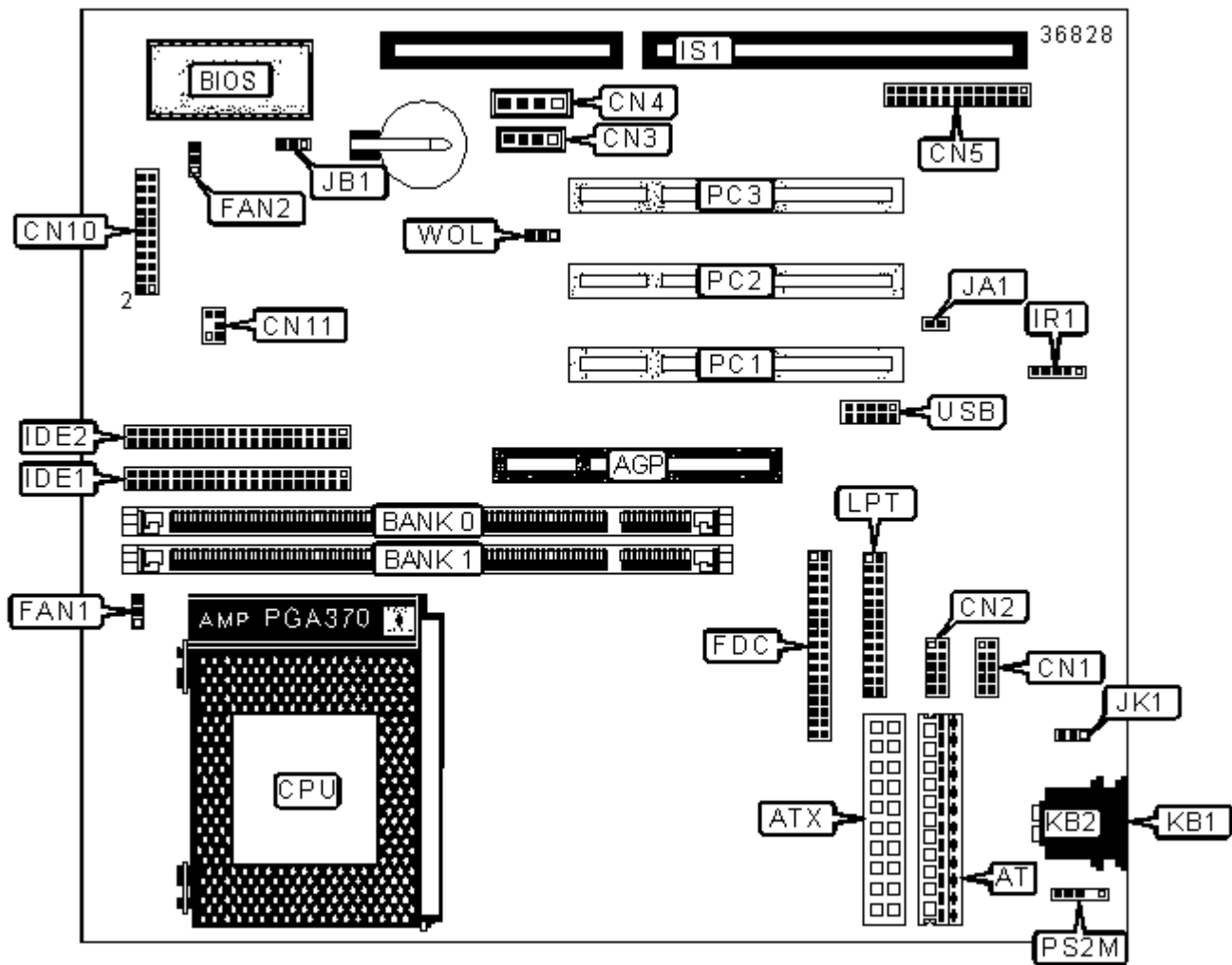


# SUPERPOWER COMPUTER CO., LTD.

SP-7BLA

<b>Device Type</b>	Mainboard
<b>Processor</b>	Celeron
<b>Processor Speed</b>	300/333/366MHz
<b>Chip Set</b>	Intel 440LX
<b>Maximum Onboard Memory</b>	512MB (EDO & SDRAM supported)
<b>Cache</b>	128KB (located on the Celeron CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	220mm x 220mm
<b>I/O Options</b>	32-bit PCI slots (3), 16-bit ISA slot, floppy drive interface, green PC connector, 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, Audio in - CD-ROM (2), Sound connector, AT power connector, Keyboard ports (2)



CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Unidentified	CN11
AT power connector	AT	CPU fan power	FAN1

ATX power connector	ATX	System fan power	FAN2
Serial interface 1	CN1	Floppy drive interface	FDC
Serial interface 2	CN2	IDE interface 1	IDE1
Audio in - CD-ROM	CN3	IDE interface 2	IDE2
Audio in - CD-ROM	CN4	IR connector	IR1
Sound connector	CN5	16-bit ISA slot	IS1
Power LED & keylock	CN10/Pins 1, 3, 5, 7 & 9	Keyboard port 1	KB1
PC speaker	CN10/Pins 2, 4, 6 & 8	Keyboard port 2	KB2
IDE interface LED	CN10/Pins 11 & 12	Parallel interface	LPT
Green PC switch	CN10/Pins 13 & 14	32-bit PCI slots	PC1 - PC3
Reset switch	CN10/Pins 15 & 16	PS/2 mouse interface	PS2M
Turbo LED	CN10/Pins 17 & 18	USB interface	USB
Green PC LED	CN10/Pins 19 & 20	Wake-on-LAN connector	WOL
Power switch	CN10/Pins 21 & 22		

#### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	On board sound enabled	JA1	Closed
	On board sound disabled	JA1	Open
»	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

#### 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
256MB	(1) 32M x 64	None
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64
Note: Board supports EDO & SDRAM memory.		

### CACHE CONFIGURATION

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