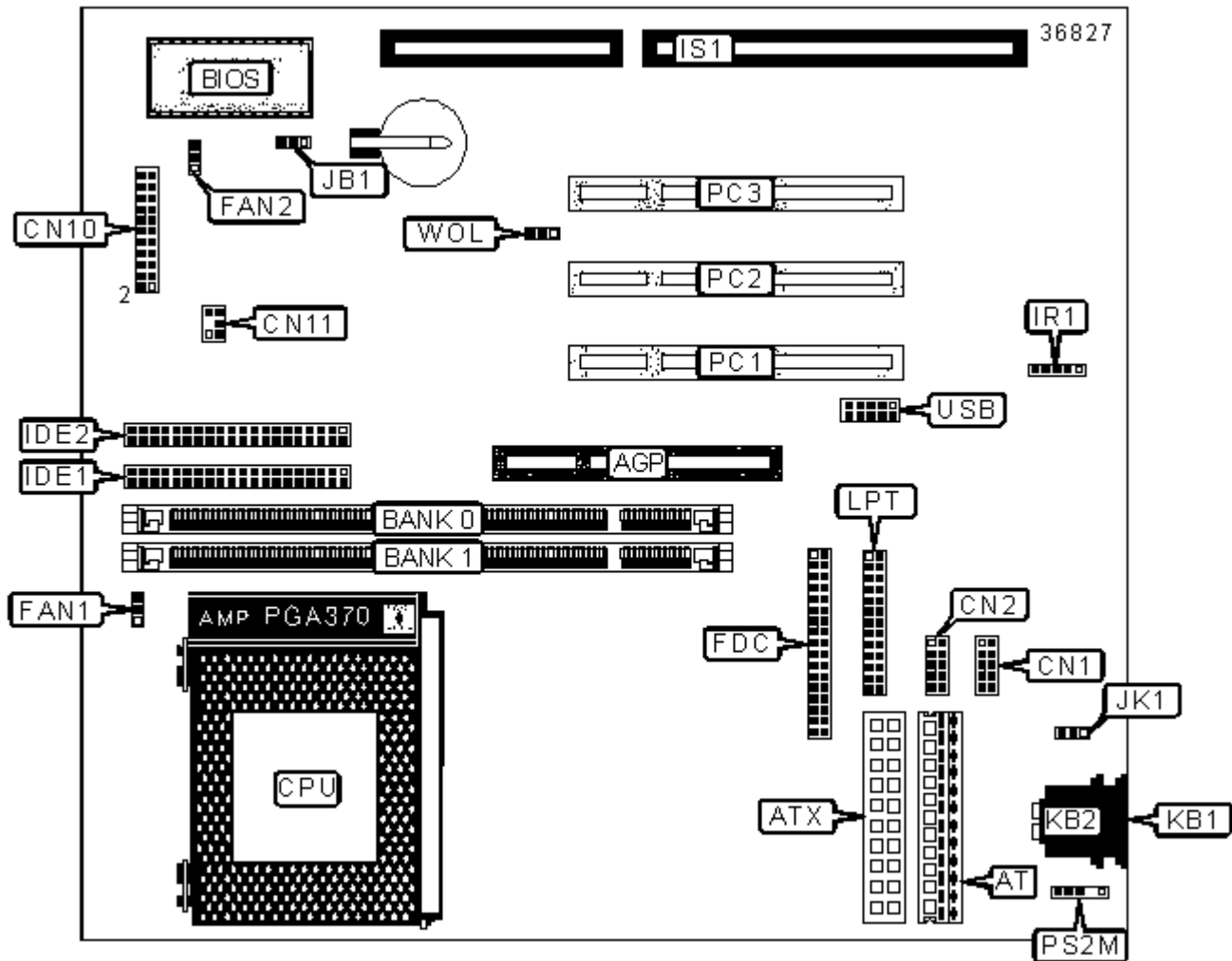


SUPERPOWER COMPUTER CO., LTD.

SP-7BL

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366MHz
Chip Set	Intel 440LX
Maximum Onboard Memory	512MB (EDO & 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, 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, AT power connector, Keyboard ports (2)



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	CPU fan power	FAN1
AT power connector	AT	System fan powers	FAN2
ATX power connector	ATX	Floppy drive interface	FDC

Serial interface 1	CN1	IDE interface 1	IDE1
Serial interface 2	CN2	IDE interface 2	IDE2
Power LED & keylock	CN10/Pins 1, 3, 5, 7 & 9	IR connector	IR1
PC speaker	CN10/Pins 2, 4, 6 & 8	16-bit ISA slot	IS1
IDE interface LED	CN10/Pins 11 & 12	Keyboard port 1	KB1
Green PC switch	CN10/Pins 13 & 14	Keyboard port 2	KB2
Reset switch	CN10/Pins 15 & 16	Parallel interface	LPT
Turbo LED	CN10/Pins 17 & 18	32-bit PCI slots	PC1 - PC3
Green PC LED	CN10/Pins 19 & 20	PS/2 mouse interface	PS2M
Power switch	CN10/Pins 21 & 22	USB interface	USB
Unidentified	CN11	Wake-on-LAN connector	WOL

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

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.