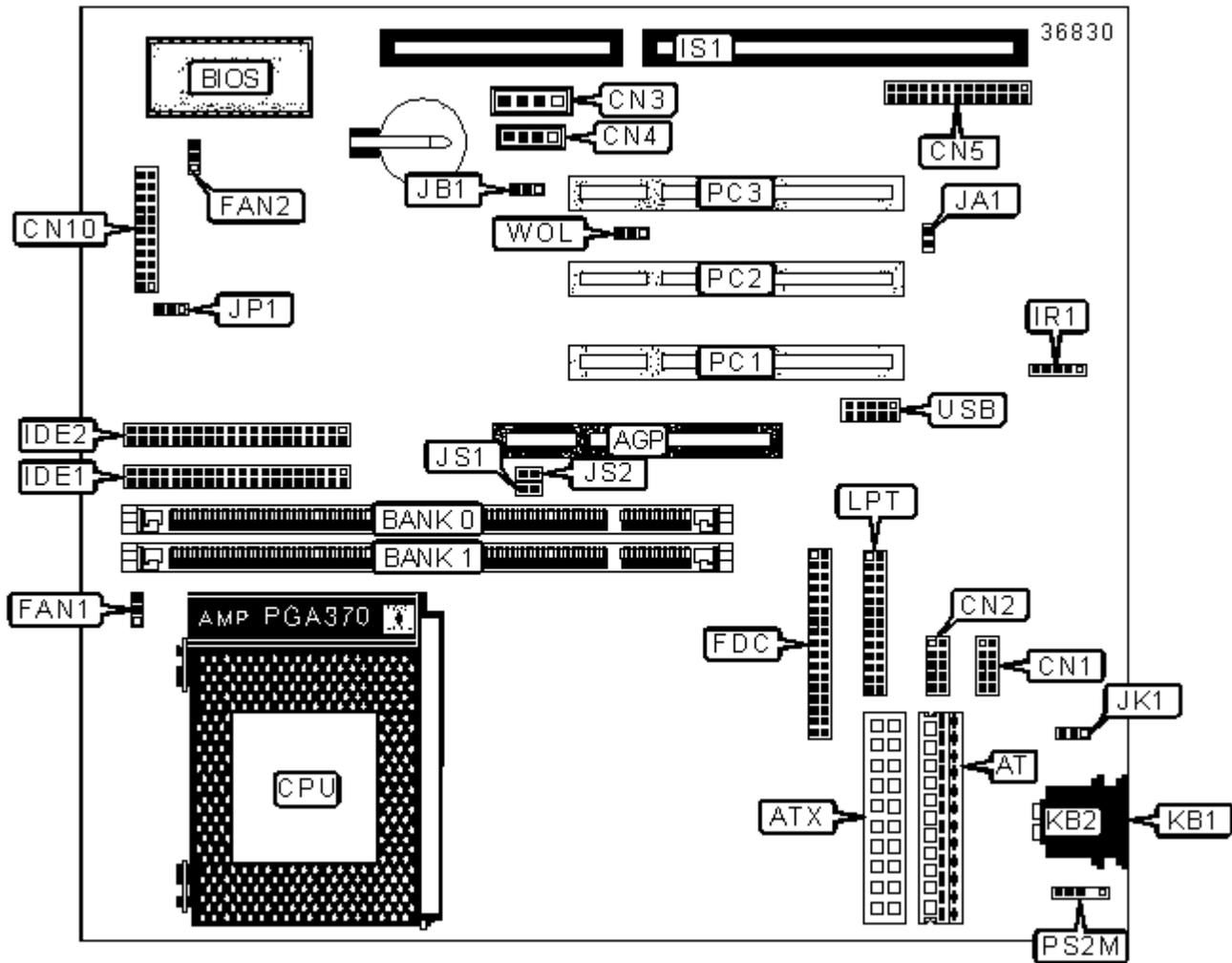


SUPERPOWER COMPUTER CO., LTD.

SP-7BZA

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366MHz
Chip Set	Intel 440ZX
Maximum Onboard Memory	256MB (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, Audio in - CD-ROM (2), Sound connector, AT power connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Power switch	CN10/Pins 21 & 22
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

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
»	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.